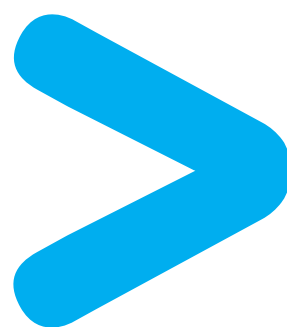


Cabling accessories

OsiSense XZ

Catalogue



Telemecanique

Sensors



3/4

Opting for sensors incorporating a connector gives you a quick and high performance solution

In the event of having to replace a sensor on a machine, this is achieved very quickly using products with connectors. Telemecanique Sensors offers you **OsiSense XZ**, a complete range of machine cabling accessories featuring 3 types of cable to suit the environment.

> PVC cable for general use

The most economical and competitive offer

> PUR cable for severe industrial environments

The highest performance offer, whatever the conditions

> Reinforced PVC cable for food and beverage processing environments

The highest degree of protection and most resistant offer

Contents

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Pre-wired connectors and jumper cables, PUR cable	pages 18 to 31
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> PVC cable for general use

The OsiSense XZ range of PVC pre-wired connectors and jumper cables for general use is recommended for machines in non demanding environments and subject only to moderate mechanical stress. These products are particularly suited to assembly, material handling and packaging machines.

PVC
Economy &
competitiveness

The sheath colour distinguishes the two versions available:

- Grey sheath for versions with metric connectors (M8 and M12)
- Yellow sheath for versions with imperial connectors (1/2" and 7/8").



The + of the PVC range

Good resistance

- to moderate mechanical stress
- to chemical products
- to humid environments

Easy cable stripping

UL certified



> PUR cable for severe industrial environments

The OsiSense XZ range of very high performance PUR (polyurethane) pre-cabled connectors and jumper cables is designed for the most demanding industrial requirements. This offer is ideal for machines using lubricants, cooling oils and grease and subject to severe mechanical stress (cable flexing and friction). These cables are ideal for the automobile, machine tool and hydraulic machine sectors. Their excellent flexibility enables intensive use for alternating movements such as those associated with cable carriers, robotics, turntables, etc. They are halogen free, UL certified and have high degrees of protection (IP67 and IP69K).

0 discharge,
halogen free

4 million
alternating
(flexing)
operations



The + of the PUR range

Good resistance

- to severe mechanical stress (friction, abrasion, torsion)
- to hot and cold oils, greases and lubricants

Halogen free

UL certified



> Reinforced PVC cable for food and beverage processing environments

The OsiSense XZ range of reinforced PVC pre-cabled connectors and jumper cables is specially designed for the food and beverage processing industry. Featuring hygienic design stainless steel 316L connectors with smooth clamping ring, these products are designed to withstand high pressure washing and disinfection using aggressive products.

IP69K
& Stainless steel
316L
resistance
assurance



the **+** of the **PVC food** range

Good resistance

- to high pressure cleaning (IP69K and smooth, stainless steel, clamping ring)
- to disinfection using aggressive products



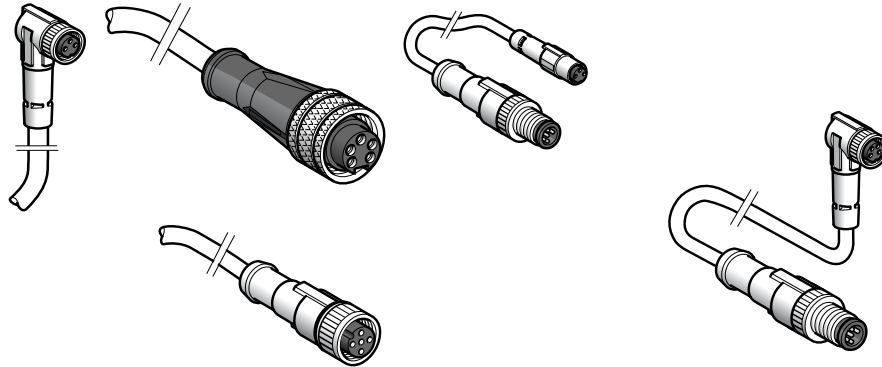
Accessories

The OsiSense XZ range is also a complete range of connectors and splitter boxes that are compatible with these pre-wired connectors and jumper cables.



100%
Availability throughout
the world

Description **Pre-wired connectors** **Jumper cables (female–male)**



Type	M8 Ø 8				M12			1/2"- 20UNF		7/8"- 16UN		M8 – M8			M8 – M12		M12 – M8		M12 – M12		DIN – M12	
	Female	•				• (1)			•			• (M8)							• (M12)			
Male	•				• (1)			–			• (M8)				• (M12)			• (M8)			• (M12)	
Connection	Clip	•			–						•										–	
	Screw threaded	•									•											
Model	Straight	•									•										–	
	Elbowed	•				• (3)		•		–	•											
Number of pins		3	4	3	4	5	3			5	3	4	5	3	4	3				4	5	3
Signalling	Without LED	•			–	•					•											
	With LED	•	–	•	–						–											
Nominal voltage	⎓ 10...30 V (with LED)	•	–	•	–						–											
	~ 30, ⎓ 36 V	–				•	–				–								•	–	•	
	~ 60, ⎓ 75 V	•			–						•								–			
	~ 125, ⎓ 150 V	–									–											
	~ 250, ⎓ 300 V	–			•	–	•			–	–								•		–	
	~ 250 V	–								•	–											
Current (A)		3 or 4								6	4 or 6	4										
Cable length	0.5 m	•	–			• (4)	–				–											
	1 m	•	–			• (4)	–				•											
	2 m	•									•											
	5 m	•				• (3)	•				–											
	10 m	•				• (3)	•				–											
Reference		XZCP									XZCR											
Pages		12 to 15 (PVC cable) 18 to 23 (PUR cable)									16 and 17 (PVC cable) 24 to 31 (PUR cable)											

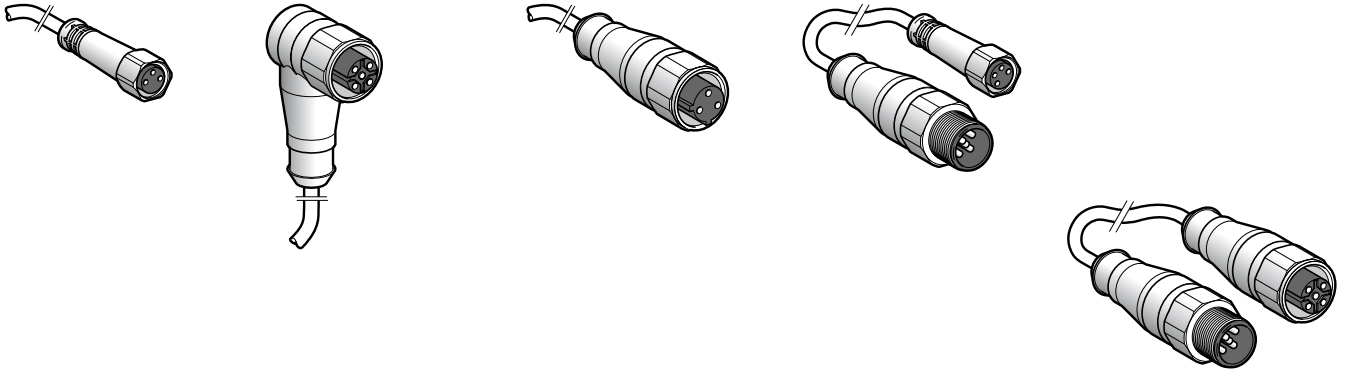
(1) With 4 or 5 pins.
 (2) EN 175301-803-A (ex-DIN 43650).
 (3) For female pre-wired connectors.
 (4) For male pre-wired connectors.

• Characteristics applicable to the cabling accessory.
 – Characteristics not applicable to the cabling accessory.

Pre-wired connectors - Application series

PVC cable, stainless steel clamping ring and IP 69K degree of protection

Jumper cables (female-male) - Application series



M8		M12		1/2"-20UNF	
•		•		•	
-		-		-	
-		-		-	
• (1)					
•					
-		•		•	
3	4	4	5	3	
•					
-					
-					
-					
•		-			
-					
-		•			
-					
4					
-					
-					
-		•		-	
•					
•					

M8 - M12		M12 - M12	
• (M8)		• (M12)	
• (M12)		• (M12)	
-		-	
-		-	
• (1)			
•			
-			
4		3	4
•			
-			
-			
-			
•		-	
-			
-		•	
-			
4			
-			
-			
•			
•			
-			

XZCPA

32 and 33

XZCRA

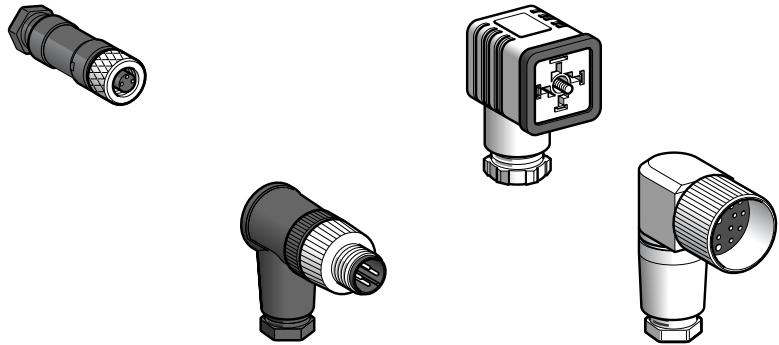
34 and 35

(1) Tightening by hand recommended.

- Characteristics applicable to the cabling accessory.
- Characteristics not applicable to the cabling accessory.

Description

Connectors



Type	Female
	Male

M8	M12	1/2"-20UNF	M18	EN 175301-803-A (ex-DIN 43650)	M23
•					
•			–		•

Connection	Clip
	Screw threaded

–					
•					

Model	Straight
	Elbowed

•				–	•
•					

Number of pins					
-----------------------	--	--	--	--	--

3	4	5	3	4	19
---	---	---	---	---	----

Signalling	Without LED
	With LED

•					
–	•	–			

Nominal voltage	≡ 10...30 V (with LED)
	~ 30, ≡ 36 V
	~ 60, ≡ 75 V
	~ 125, ≡ 150 V
	~ 250, ≡ 300 V
	~ 250 V

–	•	–			
–		•	–		
•	–				•
–	•	–			
–			•		–
–					–

Current (A)					
--------------------	--	--	--	--	--

4	3	4	16		7.5
---	---	---	----	--	-----

Cable length	0.5 m
	1 m
	2 m
	5 m
	10 m

–					
–					
–					
–					
–					

Reference

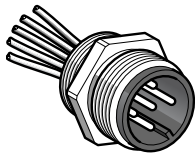
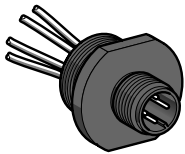
XZCC

Pages

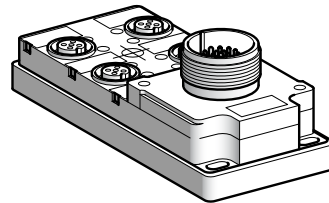
36 to 45

- Characteristics applicable to the cabling accessory.
- Characteristics not applicable to the cabling accessory.

Connector adaptors



Passive splitter boxes (1)



M12	7/8"-16UN	4 or 8 channel
-		● (M12)
●		-
-		-
●		-
●		●
-		-
4	5	19
●		●
-		●
-		≡ 24 V
-	●	-
-		-
-		-
●	-	●
-		-
4	6	4 per channel
Length of wires: 0.10m		-
		-
		-
		●
		●

XZCE

46

ABE9

Please refer to the www.schneider-electric.com web site

(1) For other splitter boxes, please refer to the www.schneider-electric.com web site.

- Characteristics applicable to the cabling accessory.
- Characteristics not applicable to the cabling accessory.

Other versions

Please consult our Customer Care Centre.

Presentation

To meet the requirements of different application sectors, Telemecanique Sensors offer a full range of connection accessories.

When used with OsiSense sensors these accessories must not only withstand the same electrical and mechanical stresses but, above all, the same environmental conditions.

As far as pre-wired connectors and particularly jumper cables are concerned, we have adapted each type of component.

They can be divided into three broad categories:

PVC cables: OsiSense XZCPV and XZCRV

- Areas of application:
 - General use in packaging and conveying
 - Assembly lines in the paper and card industry
 - Small machines
 - Can withstand moderate mechanical stress

- Main characteristics:
 - Very good value for money
 - Good water resistance
 - Good frictional resistance
 - Avoid permanent contact with oil and grease

PUR cables: OsiSense XZCP and XZCR

- Areas of application:
 - Products with high mechanical and chemical performance, recommended for all industrial applications in the automotive, machine tools, handling, cable carrier and robotics sectors

The composition of their insulating sheaths means that these cables do not give off halogen or produce corrosive or toxic gases.

Therefore, OsiSense XZCP and XZCR cables can be used in public places.

- Main characteristics:
 - Good resistance to oil, grease and coolants
 - Good bending strength and abrasion resistance
 - Good UV resistance
 - Zero halogen
 - Very high degree of protection: IP 65, IP 67 and IP 69K

PVC cables with reinforced connector: OsiSense XZCPA and XZCRA

- Areas of application:
 - Specially developed for the food and beverage sector

- Main characteristics:
 - Enhanced protection: IP 68/IP 69K
 - Very good water resistance
 - Impervious to detergents, disinfectants and chemicals
 - Can withstand moderate mechanical stress

For your cabling kits, Telemecanique Sensors offer:

- User cabled OsiSense XZCC connectors (with screw, insulation displacement or solder connections)
- OsiSense XZCE connector adaptors, for wall feed-throughs (for enclosures, junction boxes, etc.)



PVC cables: OsiSense XZCPV and XZCRV



PUR cables: OsiSense XZCP and XZCR



PVC cables with reinforced connector:
OsiSense XZCPA and XZCRA

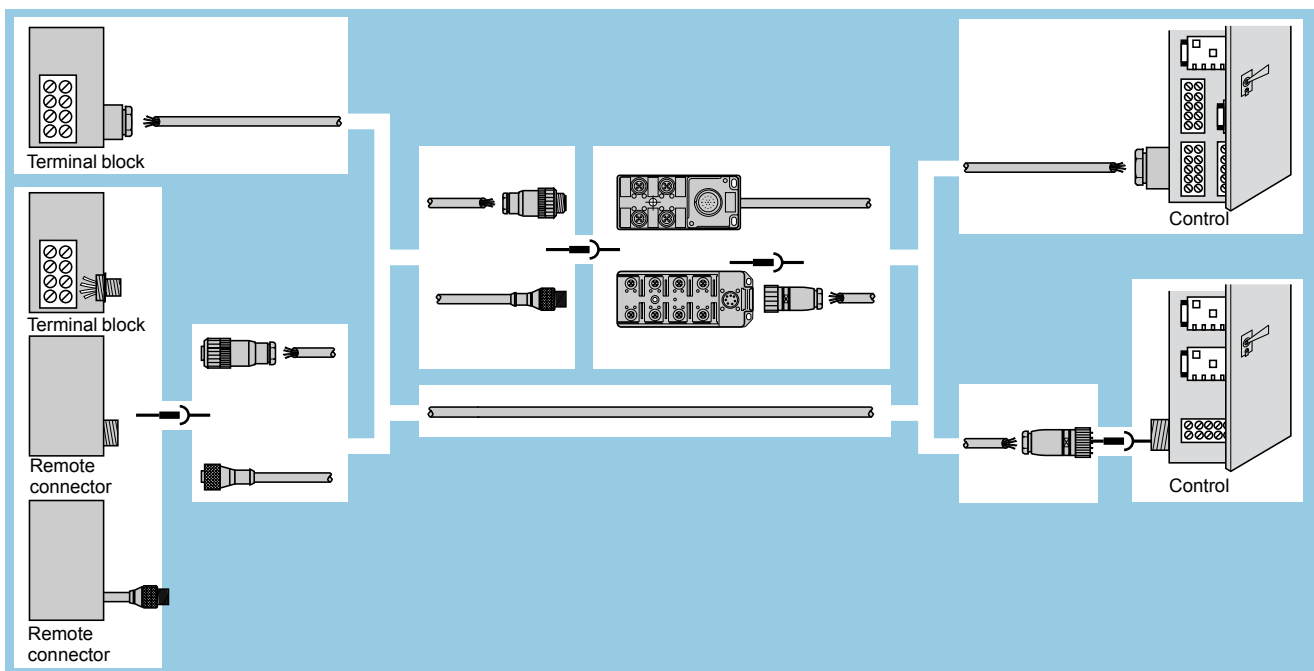
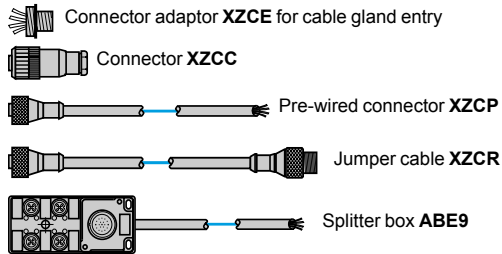


OsiSense XZCC
connectors

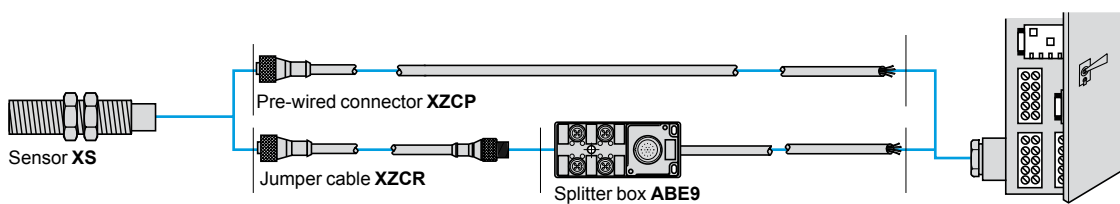


OsiSense XZCE
connector adaptors

Cabling accessories



Connection example



Characteristics			
Type of cable		General use cables XZCPV and XZCRV See pages 12 to 17	High performance cables XZCP and XZCR See pages 18 to 31
Ambient air temperature			
	For operation	°C - 25...+ 80	- 40...+ 80 for static cable - 5...+ 80 for flexing cable
	For storage	°C - 55...+ 80	- 40...+ 80
Colour		Grey, with metric connector Yellow, with imperial connector	Mat black
Material	Sheath	PVC (polyvinyl chloride)	PUR (polyurethane)
	Conductor insulation	PVC (polyvinyl chloride)	PP (polypropylene)
Manufacturing method		Without silicone and without demoulding agent	Without silicone and without demoulding agent
Nominal voltage		V ~ 250, --- 300	320, conforming to DIN VDE 0110 (III/3)
Insulation voltage		kV 2.5	2.5
Flame resistance		VW-1 conforming to UL758	UL-FT2
Environmental resistance		Conditions of use where not continuously immersed	Resistant to: - hydrocarbons - mineral or synthetic oils at 90°C, conforming to DIN/EN 60811-2-1
Bending radius		Static: 10 x external diameter	Static: 10 x external diameter
Resistance to flexing		-	4 million operations at 20°C, in the following conditions: - minimum radius 10 x D - pitch 10 m - speed: 3 m/s - acceleration: 10 m/s ²
Tensile strength		N/mm ² 10	20...45
Hardness		70 +/- 5 shore A	80 +/- 5 shore A

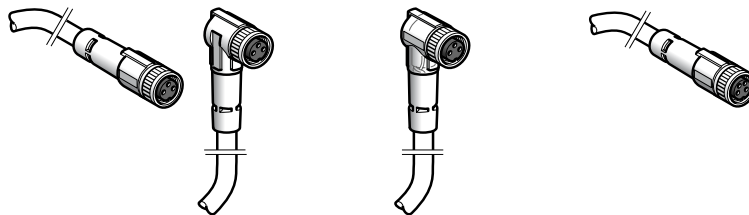
Application series cables with reinforced insulation XZCPA and XZCRA See pages 32 to 35	Bare cable XZCB4L0●● See page 47
- 25...+ 95	- 35...+ 90
- 25...+ 95	- 40...+ 100
Matt black	Matt black
PVC	PvR (PVC/NBR)
PVC	PVC
Without silicone and without demoulding agent	Without silicone and without demoulding agent
~ 250, ≡ 300	300
3	2, conforming to NFC 32-201-1
C2 conforming to NF C 32-070	C2 conforming to NF C 32-070
Resistant to solvents and detergents	Resistant to soluble, mineral or synthetic oils at 90°C
Static: 10 x external diameter	R min. = 3 x external diameter
-	-
11	10...35
80 +/- 5 shore A	70 +/- 5 shore A

Machine cabling accessories

OsiSense XZ

Pre-wired connectors, M8 and M12

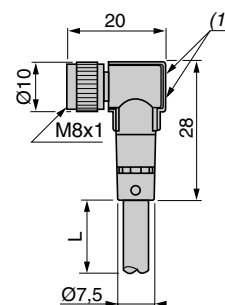
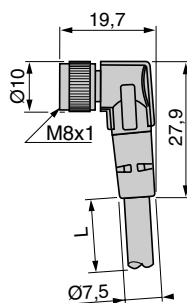
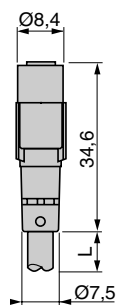
PVC cable



Connector type	Female, M8, straight	Female, M8, elbowed	Female, M8, elbowed with PNP LED	Female, M8, straight
Number of pins	3	3	3	4
References				
PVC cable	L = 1 m	–	–	–
	L = 2 m	XZCPV0566L2	XZCPV0666L2	XZCPV0766L2
	L = 5 m	XZCPV0566L5	XZCPV0666L5	XZCPV0766L5
	L = 10 m	XZCPV0566L10	XZCPV0666L10	XZCPV0766L10
Weight (kg)	0.084 (L = 2 m), 0.153 (L = 5 m), 0.316 (L = 10 m)	0.084 (L = 2 m), 0.153 (L = 5 m), 0.316 (L = 10 m)	0.090 (L = 2 m), 0.180 (L = 5 m), 0.360 (L = 10 m)	0.100 (L = 2 m), 0.200 (L = 5 m), 0.380 (L = 10 m)

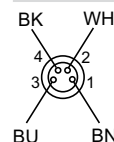
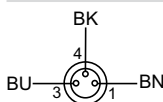
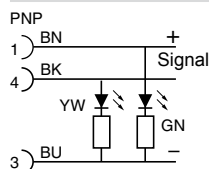
Characteristics				
Certifications	UL		UL	
Connection type	Screw threaded (metal clamping ring)		Screw threaded (metal clamping ring)	
Cable material	PVC, grey			
Degree of protection	IP 65, IP 67		IP 65, IP 67	
Ambient air temperature	Static cable	- 25...+ 80°C		- 25...+ 80°C
Cabling	Ø 4.6 mm cable, conductor c.s.a.: 3 x 0.25 mm ²		Ø 4.6 mm cable, conductor c.s.a.: 3 x 0.25 mm ²	Ø 4.6 mm cable, conductor c.s.a.: 4 x 0.25 mm ²
LED indicators	–		2 PNP LEDs	–
Nominal voltage	~ 60 V, --- 75 V		--- 10...30 V	~ 60 V, --- 75 V
Nominal current	3 A		3 A	3 A
Nominal tightening torque	0.2 Nm		0.2 Nm	0.2 Nm
Insulation resistance	> 10 ⁹ Ω		> 10 ⁹ Ω	> 10 ⁹ Ω
Contact resistance	≤ 5 m Ω		≤ 5 m Ω	≤ 5 m Ω

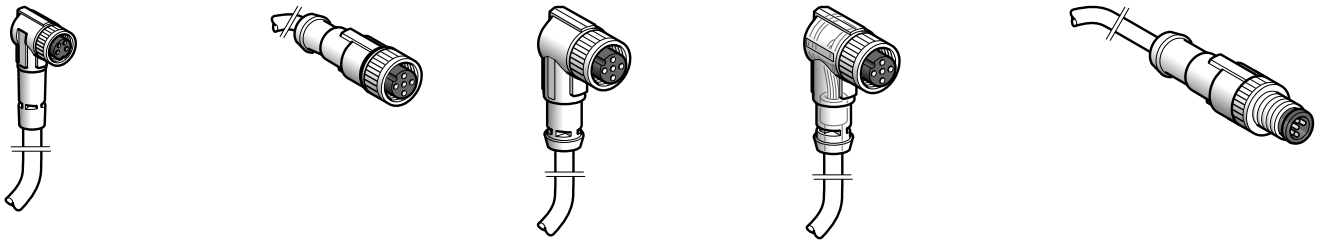
Dimensions	
XZCPV0566L● and XZCPV0941L●	XZCPV0666L●
	XZCPV0766L●



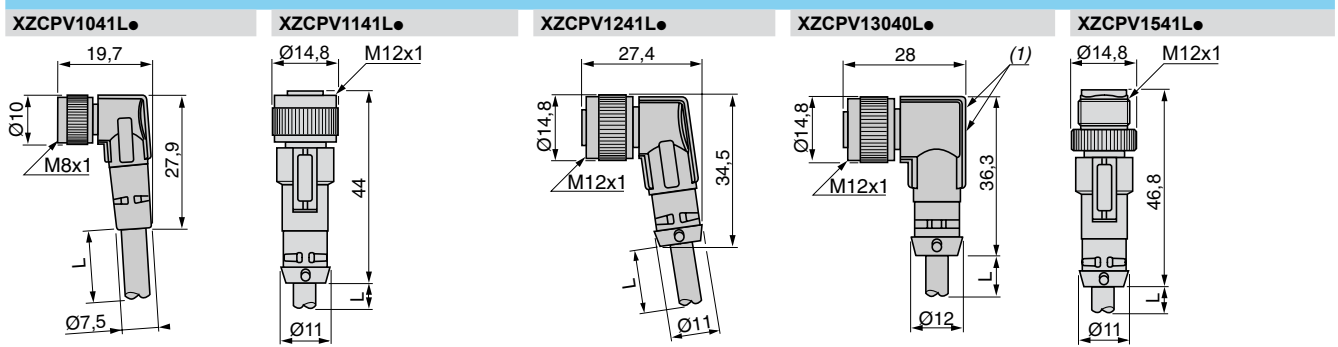
(1) 2 LEDs limited to --- 10...30 V max.
L = 2, 5 or 10 m

Connections		
LED connection XZCPV0766L●	Connector XZCPV0●66L●	XZCPV0941L●



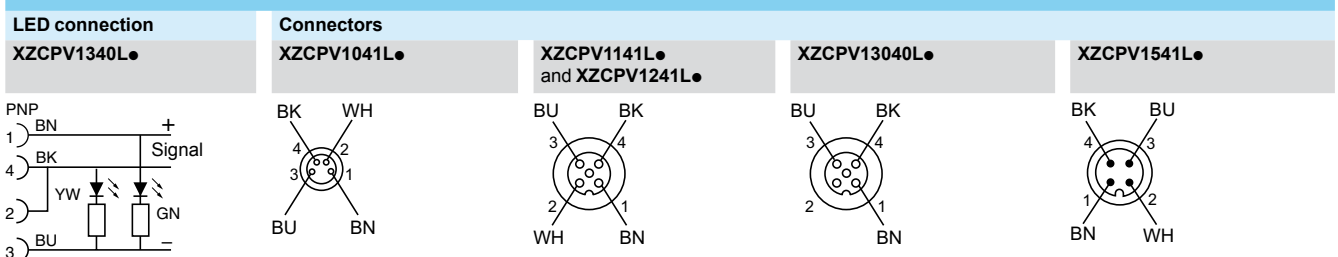


Female, M8, elbowed	Female, M12, straight	Female, M12, elbowed	Female, M12, elbowed with PNP LED	Male, M12, straight
4	4	4	3	4
-	-	-	-	XZCPV1541L1
XZCPV1041L2	XZCPV1141L2	XZCPV1241L2	XZCPV1340L2	XZCPV1541L2
XZCPV1041L5	XZCPV1141L5	XZCPV1241L5	XZCPV1340L5	XZCPV1541L5
XZCPV1041L10	XZCPV1141L10	XZCPV1241L10	XZCPV1340L10	-
0.100 (L = 2 m), 0.200 (L = 5 m), 0.380 (L = 10 m)	0.110 (L = 2 m), 0.210 (L = 5 m), 0.390 (L = 10 m)	0.110 (L = 2 m), 0.210 (L = 5 m), 0.390 (L = 10 m)	0.110 (L = 2 m), 0.210 (L = 5 m), 0.390 (L = 10 m)	0.052 (L = 1 m), 0.090 (L = 2 m), 0.200 (L = 5 m)
UL				
Screw threaded (metal clamping ring)				
PVC, grey				
IP 65, IP 67				
- 25... + 80°C				
Ø 4.6 mm cable, conductor c.s.a.: 4 x 0.25 mm ²	Ø 4.6 mm cable, conductor c.s.a.: 4 x 0.25 mm ²	Ø 4.6 mm cable, conductor c.s.a.: 4 x 0.25 mm ²	Ø 4.6 mm cable, conductor c.s.a.: 3 x 0.25 mm ²	Ø 4.6 mm cable, conductor c.s.a.: 4 x 0.25 mm ²
-	-	-	2 PNP LEDs	-
~ 60 V, ≐ 75 V	~ 250 V, ≐ 300 V	~ 250 V, ≐ 300 V	≐ 10...30 V	~ 250 V, ≐ 300 V
3 A	3 A	3 A	3 A	3 A
0.2 Nm	0.4 Nm	0.4 Nm	0.4 Nm	0.4 Nm
> 10 ⁹ Ω	> 10 ⁹ Ω	> 10 ⁹ Ω	> 10 ⁹ Ω	> 10 ⁹ Ω
≤ 5 mΩ	≤ 5 mΩ	≤ 5 mΩ	≤ 5 mΩ	≤ 5 mΩ



(1) 2 LEDs limited to ≐ 10...30 V max.
L = 2, 5 or 10 m

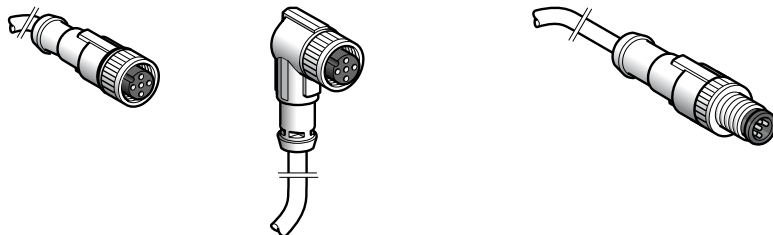
L = 1, 2 or 5 m



Machine cabling accessories

OsiSense XZ

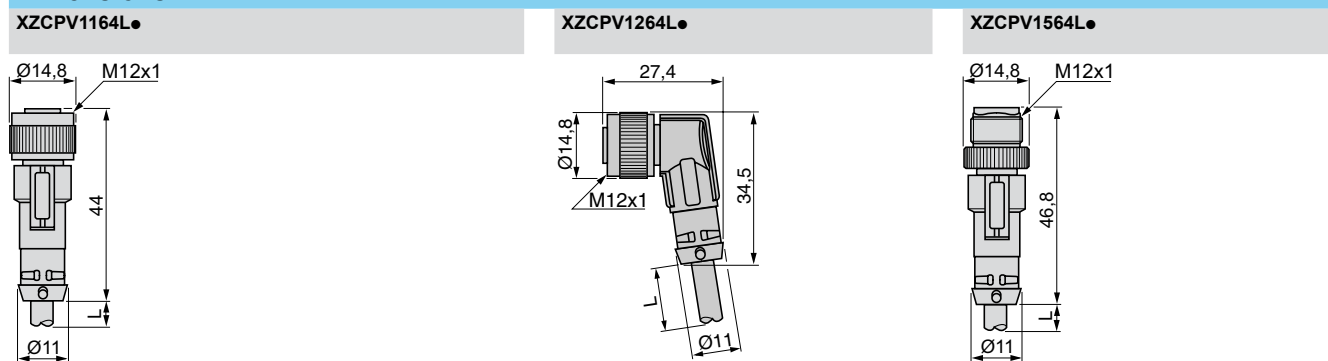
Pre-wired connectors, M8, M12, 1/2"-20UNF and 7/8"-16UN
PVC cable



Connector type	Female, M12, straight	Female, M12, elbowed	Male, M12, straight
Number of pins	5	5	5
References			
PVC cable	L = 1 m	–	XZCPV1564L1
	L = 2 m	XZCPV1164L2	XZCPV1264L2
	L = 5 m	XZCPV1164L5	XZCPV1264L5
	L = 10 m	XZCPV1164L10	XZCPV1264L10
Weight (kg)	0.100 (L = 2 m), 0.180 (L = 5 m), 0.360 (L = 10 m)	0.100 (L = 2 m), 0.180 (L = 5 m), 0.360 (L = 10 m)	0.075 (L = 1 m), 0.100 (L = 2 m), 0.180 (L = 5 m)

Characteristics	
Certifications	UL
Connection type	Screw threaded (metal clamping ring)
Cable material	PVC, grey
Degree of protection	IP 65, IP 67
Ambient air temperature	Static cable - 25...+ 80°C
Cabling	Ø 5.2 mm cable, conductor c.s.a.: 5 x 0.25 mm ²
Nominal voltage	~ 250 V, ~ 300 V
Nominal current	3 A
Nominal tightening torque	0.4 Nm
Insulation resistance	> 10 ⁹ Ω
Contact resistance	≤ 5 m Ω

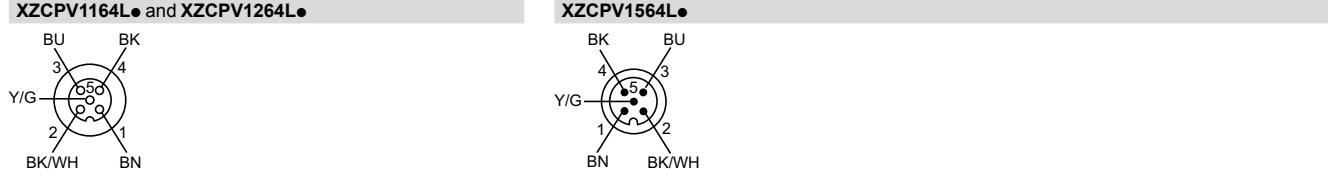
Dimensions

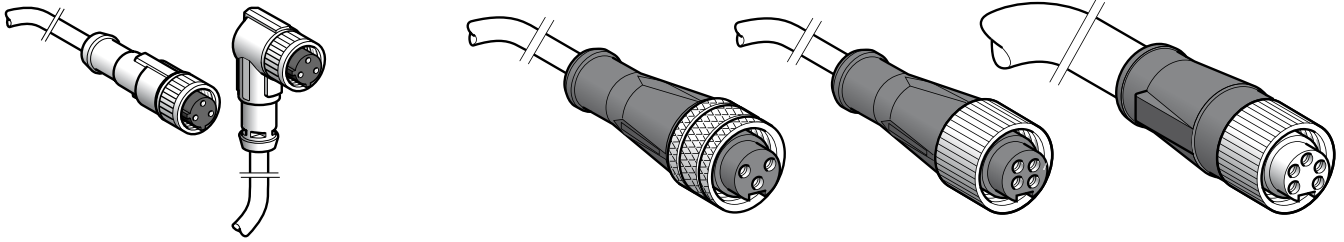


L = 1, 2, 5 or 10 m

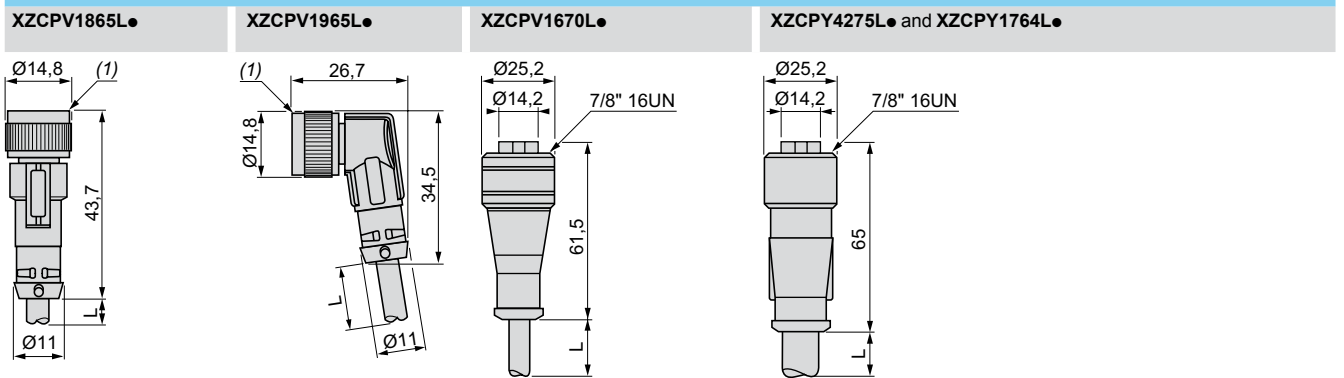
Connections

Connectors

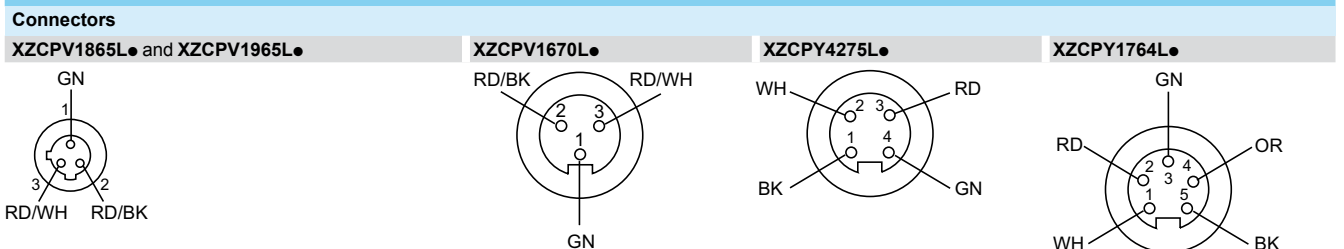




Female, 1/2"-20UNF, straight	Female, 1/2"-20UNF, elbowed	Female, 7/8"-16UN, straight	Female, 7/8"-16UN, straight	Female, 7/8"-16UN, straight
3	3	3	4	5
-	-	-	-	-
XZCPV1865L2	XZCPV1965L2	XZCPV1670L2	XZCPY4275L2	XZCPY1764L2
XZCPV1865L5	XZCPV1965L5	XZCPV1670L5	XZCPY4275L5	XZCPY1764L5
XZCPV1865L10	XZCPV1965L10	XZCPV1670L10	XZCPY4275L10	XZCPY1764L10
0.140 (L = 2 m), 0.350 (L = 5 m), 0.700 (L = 10 m)	0.140 (L = 2 m), 0.350 (L = 5 m), 0.700 (L = 10 m)	0.300 (L = 2 m), 0.500 (L = 5 m), 0.850 (L = 10 m)	0.340 (L = 1.8 m = 6 feet), 0.850 (L = 4.6 m = 15 feet), 1.700 (L = 9.2 m = 30 feet)	0.400 (L = 1.8 m = 6 feet), 1.000 (L = 4.6 m = 15 feet), 1.900 (L = 9.2 m = 30 feet)
UL		UL		
Screw threaded (metal clamping ring)		Screw threaded (metal clamping ring)		
PVC, yellow		PVC, yellow	PVC, yellow, ST00W	
IP 65, IP 67		IP 67		
- 25...+ 80°C		- 25...+ 80°C		
Ø 4.6 mm cable, conductor c.s.a.: 3 x 0.34 mm ²		Ø 5.2 mm cable, conductor c.s.a.: 3 x 0.75 mm ²	Ø 10.8 mm cable, conductor c.s.a.: 4 x 1.5 mm ² (AWG 16)	Ø 8.1 mm cable, conductor c.s.a.: 5 x 1.5 mm ² (AWG 16)
~ 250 V, ≍ 300 V		~ 250 V, ≍ 300 V	≍/~ 600 V	≍/~ 600 V
4 A		7 A	10 A	10 A
0.4 Nm		0.8 Nm	0.8 Nm	0.8 Nm
> 10 ⁹ Ω		> 10 ⁹ Ω	> 10 ⁹ Ω	> 10 ⁹ Ω
≤ 5 m Ω		≤ 5 m Ω	≤ 5 m Ω	≤ 5 m Ω

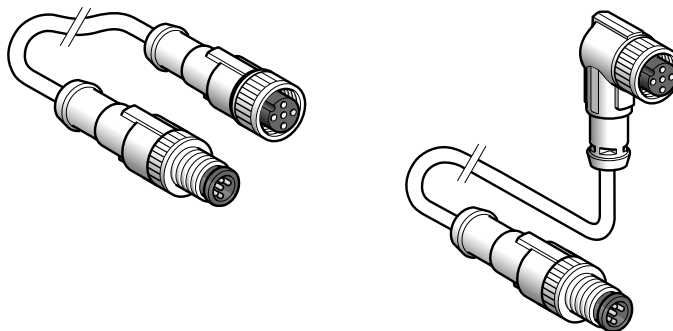


(1) 1/2"-20UNF
L = 2, 5 or 10 m



Machine cabling accessories

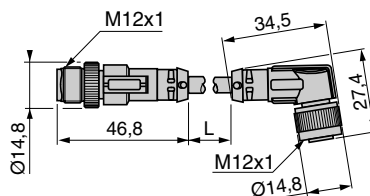
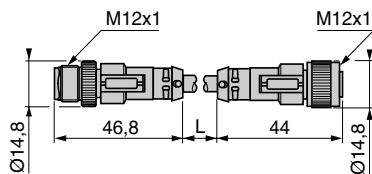
OsiSense XZ
Jumper cables, M12-M12
PVC cable



Male connector type	M12, 3-pin, straight		
Female connector type	M12, 3-pin, straight	M12, 3-pin, elbowed	
Number of conductors	3		3
References			
PVC cable	L = 1 m	XZCRV1511040A1	XZCRV1512040A1
	L = 2 m	XZCRV1511040A2	XZCRV1512040A2
Weight (kg)	0.064 (L = 1 m) 0.099 (L = 2 m)		0.068 (L = 1 m) 0.100 (L = 2 m)

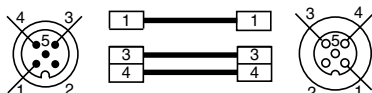
Characteristics	
Certifications	UL
Connection type	Male and female: screw threaded (metal clamping ring)
Degree of protection	IP 65, IP 67
Ambient air temperature Static cable	- 25...+ 80°C
Cabling	Ø 4.6 mm cable, conductor c.s.a.: 3 x 0.25 mm ²
Nominal voltage	~ 250 V, ~ 300 V
Nominal current	3 A
Nominal tightening torque	0.4 Nm
Insulation resistance	> 10 ⁹ Ω
Contact resistance	≤ 5 m Ω

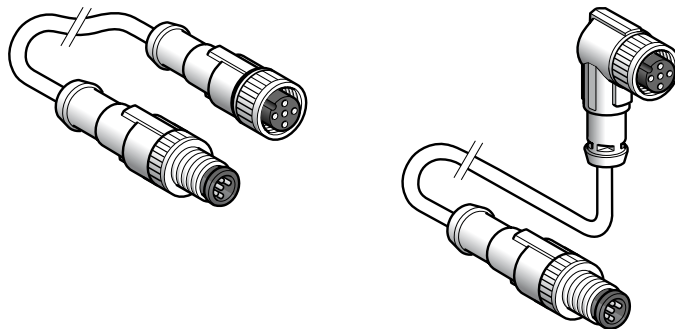
Dimensions	
XZCRV1511040A●	XZCRV1512040A●



L = 1 or 2 m

Connections
XZCRV1511040A● and XZCRV1512040A●





Male connector type	M12, 4-pin, straight	
Female connector type	M12, 4-pin, straight	M12, 4-pin, elbowed
Number of conductors	4	4

References

PVC cable	L = 1 m	XZCRV1511041C1	XZCRV1512041C1
	L = 2 m	XZCRV1511041C2	XZCRV1512041C2
	L = 5 m	XZCRV1511041C5	XZCRV1512041C5
Weight (kg)		0.064 (L = 1 m) 0.109 (L = 2 m) 0.140 (L = 5 m)	0.067 (L = 1 m) 0.106 (L = 2 m) 0.230 (L = 5 m)

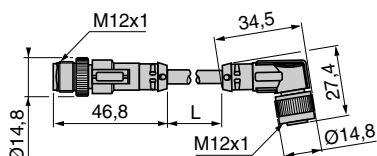
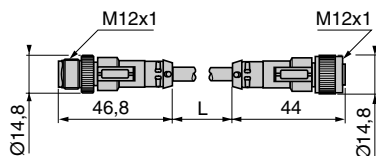
Characteristics

Certifications	UL
Connection type	Male and female: screw threaded (metal clamping ring)
Degree of protection	IP 65, IP 67
Ambient air temperature	Static cable - 25...+ 80°C
Cabling	Ø 4.6 mm cable, conductor c.s.a.: 4 x 0.25 mm ²
Nominal voltage	~ 250 V, ~ 300 V
Nominal current	3 A
Nominal tightening torque	0.4 Nm
Insulation resistance	> 10 ⁹ Ω
Contact resistance	≤ 5 m Ω

Dimensions

XZCRV1511041C●

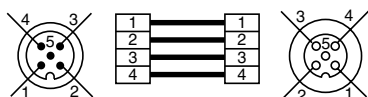
XZCRV1512041C●



L = 1, 2 or 5 m

Connections

XZCRV1511041C● and **XZCRV1512041C●**

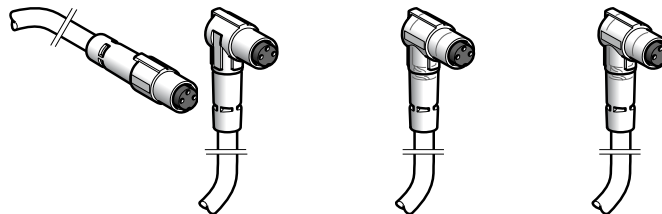


Machine cabling accessories

OsiSense XZ

Pre-wired connectors, Ø 8 mm and M8

PUR cable



Connector type	Female, Ø 8 mm, straight	Female, Ø 8 mm, elbowed	Female, Ø 8 mm, elbowed with PNP LED	Female, Ø 8 mm, elbowed with NPN LED
Number of pins	3			

References

PUR cable (see page 10)	L = 2 m	XZCP0166L2	XZCP0266L2	XZCP0366L2	XZCP0466L2
	L = 5 m	XZCP0166L5	XZCP0266L5	XZCP0366L5	XZCP0466L5
	L = 10 m	XZCP0166L10	XZCP0266L10	XZCP0366L10	XZCP0466L10

Weight (kg)	0.050 (L = 2 m), 0.110 (L = 5 m), 0.215 (L = 10 m)			
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Characteristics

Certifications	UL		UL	
Connection type	Clip (1)		Clip (1)	
Cable material	PUR sheath PP conductor insulation		PUR sheath PP conductor insulation	
Degree of protection	IP 65, IP 67, IP 69K		IP 65, IP 67, IP 69K	
Ambient air temperature	Static cable	- 40...+ 80°C	- 40...+ 80°C	
	Flexing cable	- 5...+ 80°C	- 5...+ 80°C	
Cabling	Ø 4.4 mm cable, conductor c.s.a.: 3 x 0.34 mm ²		Ø 4.4 mm cable, conductor c.s.a.: 3 x 0.34 mm ²	
LED indicators	-		2 PNP LEDs	2 NPN LEDs
Nominal voltage	~ 60 V, ~ 75 V		~ 10...30 V	
Nominal current	4 A		4 A	
Insulation resistance	> 10 ⁹ Ω		> 10 ⁹ Ω	
Contact resistance	≤ 5 m Ω		≤ 5 m Ω	

Dimensions

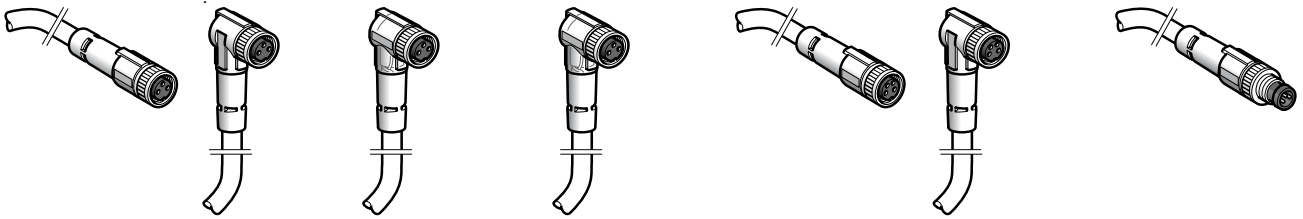
XZCP0166L●	XZCP0266L●	XZCP0366L●, XZCP0466L●

(1) 2 LEDs limited to ~ 10...30 V max.
L = 2, 5 or 10 m

Connections

XZCP0●66L●	LED connection XZCP0366L●	XZCP0466L●

(1) Clip together connectors, without clamping ring.



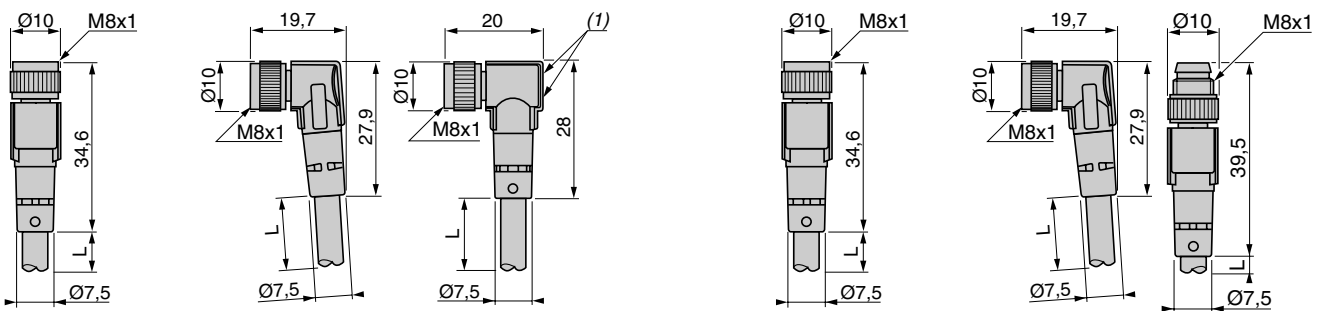
Female, M8, straight	Female, M8, elbowed	Female, M8, elbowed with PNP LED	Female, M8, elbowed with NPN LED	Female, M8, straight	Female, M8, elbowed	Male, M8, straight
3				4		3

XZCP0566L2	XZCP0666L2	XZCP0766L2	XZCP0866L2	XZCP0941L2	XZCP1041L2	XZCP2737L05
XZCP0566L5	XZCP0666L5	XZCP0766L5	XZCP0866L5	XZCP0941L5	XZCP1041L5	XZCP2737L1
XZCP0566L10	XZCP0666L10	XZCP0766L10	XZCP0866L10	XZCP0941L10	XZCP1041L10	XZCP2737L2

0.060 (L = 2 m), 0.120 (L = 5 m), 0.225 (L = 10 m)				0.080 (L = 2 m), 0.180 (L = 5 m), 0.360 (L = 10 m)		0.030 (L = 0,5 m), 0.050 (L = 1 m), 0.080 (L = 2 m)
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UL	UL	UL	UL
Screw threaded (metal clamping ring)	Screw threaded (metal clamping ring)	Screw threaded (metal clamping ring)	Screw threaded and clip (metal clamping ring)
PUR sheath PP conductor insulation	PUR sheath PP conductor insulation	PUR sheath PP conductor insulation	PUR sheath, PP conductor insulation
IP 65, IP 67, IP 69K	IP 65, IP 67, IP 69K	IP 65, IP 67, IP 69K	IP 65, IP 67, IP 69K
- 40...+ 80°C	- 40...+ 80°C	- 40...+ 80°C	- 40...+ 80°C
- 5...+ 80°C	- 5...+ 80°C	- 5...+ 80°C	- 5...+ 80°C
Ø 4.4 mm cable, conductor c.s.a.: 3 x 0.34 mm ²	Ø 4.4 mm cable, conductor c.s.a.: 3 x 0.34 mm ²	Ø 4.7 mm cable, conductor c.s.a.: 4 x 0.34 mm ²	Ø 4.4 mm cable, conductor c.s.a.: 3 x 0.34 mm ²
-	2 PNP LEDs	2 NPN LEDs	-
~ 60 V, ~ 75 V	~ 10...30 V	~ 60 V, ~ 75 V	~ 60 V, ~ 75 V
4 A	4 A	4 A	4 A
> 10 ⁹ Ω	> 10 ⁹ Ω	> 10 ⁹ Ω	> 10 ⁹ Ω
≤ 5 m Ω	≤ 5 m Ω	≤ 5 m Ω	≤ 5 m Ω

XZCP0566L●	XZCP0666L●	XZCP0766L●, XZCP0866L●	XZCP0941L●	XZCP1041L●	XZCP2737L●
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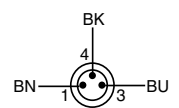
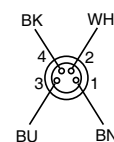
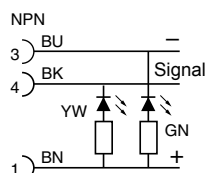
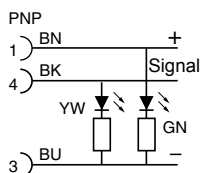
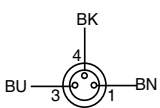


(1) 2 LEDs limited to ~ 10...30 V max.

L = 2, 5 or 10 m

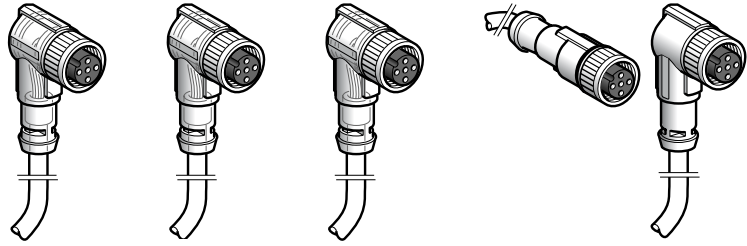
L = 0.5, 1 or 2 m

LED connection				
XZCP0●66L●	XZCP0766L●	XZCP0866L●	XZCP●●41L●	XZCP2737L●



Machine cabling accessories

OsiSense XZ
Pre-wired connectors, M12
PUR cable



Connector type	Female, M12, elbowed with LED	Female, M12, elbowed with LED	Female, M12, elbowed with LED	Female, M12, straight	Female, M12, elbowed
Number of pins	3			4	

References

PUR cable (see page 10)	L = 0.5 m	-				
	L = 1 m	-				
	L = 2 m	XZCP2540L2	XZCP1340L2	XZCP1440L2	XZCP1141L2	XZCP1241L2
	L = 5 m	XZCP2540L5	XZCP1340L5	XZCP1440L5	XZCP1141L5	XZCP1241L5
	L = 10 m	XZCP2540L10	XZCP1340L10	XZCP1440L10	XZCP1141L10	XZCP1241L10
	L = 15 m	-	-	-	XZCP1141L15	XZCP1241L15
	L = 20 m	-	-	-	XZCP1141L20	XZCP1241L20
Weight (kg)	0.080 (L = 2 m), 0.180 (L = 5 m), 0.350 (L = 10 m)			0.090 (L = 2 m), 0.190 (L = 5 m), 0.370 (L = 10 m), 0.500 (L = 15 m), 0.750 (L = 20 m)		

Characteristics

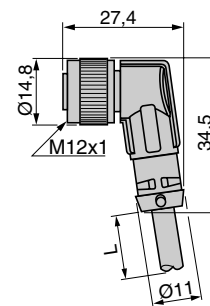
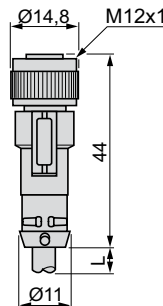
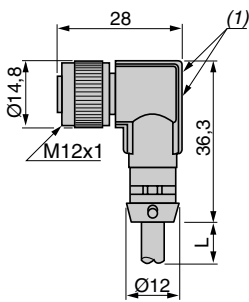
Certifications	UL			UL	
Connection type	Screw threaded (stainless steel clamping ring)	Screw threaded (metal clamping ring)		Screw threaded (metal clamping ring)	
Cable material	PUR sheath, PP conductor insulation			PUR sheath, PP conductor insulation	
Degree of protection	IP 65, IP 67, IP 69K			IP 65, IP 67, IP 69K	
Ambient air temperature	Static cable	- 40...+ 80°C		- 40...+ 80°C	
	Flexing cable	- 5...+ 80°C		- 5...+ 80°C	
Cabling	Ø 4.4 mm cable, conductor c.s.a.: 3 x 0.34 mm ²			Ø 4.7 mm cable, conductor c.s.a.: 4 x 0.34 mm ²	
LED indicators	2 PNP LEDs	2 PNP LEDs	2 NPN LEDs	-	
Nominal voltage	~ 10...30 V			~ 250 V, ~ 300 V	
Nominal current	4 A			4 A	
Insulation resistance	> 10 ⁹ Ω			> 10 ⁹ Ω	
Contact resistance	≤ 5 m Ω			≤ 5 m Ω	

Dimensions

XZCP2540L●, XZCP1340L●, XZCP1440L●

XZCP1141L●

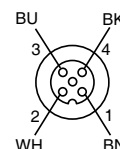
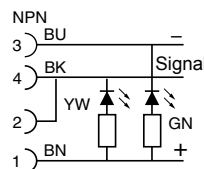
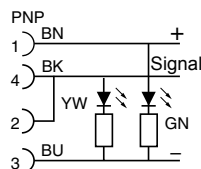
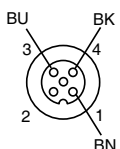
XZCP1241L●

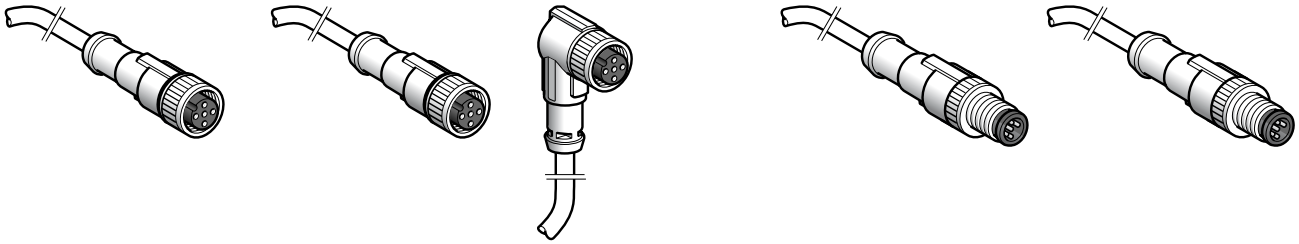


(1) 2 LEDs limited to ~ 10...30 V max.
L = 2, 5 or 10 m

Connections

XZCP2540L●, XZCP1340L●	LED connection	XZCP1440L●	XZCP1141L●, XZCP1241L●
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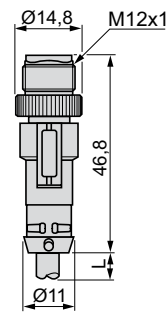
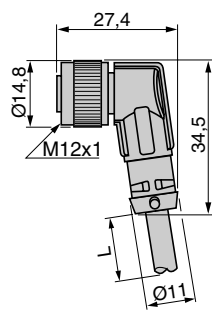
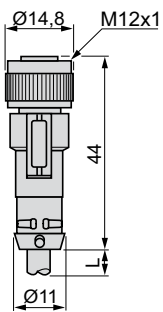




Female, M12, straight	Female, M12, straight	Female, M12, elbowed	Male, M12, straight	Male, M12, straight
4	5	5	4	5
-	-	-	XZCP1541L05	XZCP1564L05
-	-	-	XZCP1541L1	XZCP1564L1
XZCP1169L2	XZCP1164L2	XZCP1264L2	XZCP1541L2	XZCP1564L2
XZCP1169L5	XZCP1164L5	XZCP1264L5	-	-
XZCP1169L10	XZCP1164L10	XZCP1264L10	-	-
-	-	-	-	-
-	-	-	-	-
0.105 (L = 2 m), 0.260 (L = 5 m), 0.500 (L = 10 m)	0.115 (L = 2 m), 0.270 (L = 5 m), 0.520 (L = 10 m)	-	0.030 (L = 0.5 m), 0.050 (L = 1 m), 0.085 (L = 2 m)	0.040 (L = 0.5 m), 0.065 (L = 1 m), 0.115 (L = 2 m)

UL		UL	
Screw threaded (metal clamping ring)		Screw threaded (metal clamping ring)	
PUR sheath, PP conductor insulation		PUR sheath, PP conductor insulation	
IP 65, IP 67, IP 69K		IP 65, IP 67, IP 69K	
-40...+80°C		-40...+80°C	
-5...+80°C		-5...+80°C	
Ø 4.7 mm cable, conductor c.s.a.: 4 x 0.34 mm ²	Ø 5.0 mm cable, conductor c.s.a.: 5 x 0.34 mm ²	Ø 4.7 mm cable, conductor c.s.a.: 4 x 0.34 mm ²	Ø 5.0 mm cable, conductor c.s.a.: 4 x 0.34 mm ² + 1 x 0.5 mm ²
-	-	-	-
~ 250 V, ~ 300 V	~ 30 V, ~ 36 V	~ 250 V, ~ 300 V	~ 30 V, ~ 36 V
4 A	4 A	4 A	4 A
> 10 ⁹ Ω	> 10 ⁹ Ω	> 10 ⁹ Ω	> 10 ⁹ Ω
≤ 5 m Ω	≤ 5 m Ω	≤ 5 m Ω	≤ 5 m Ω

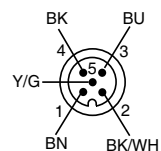
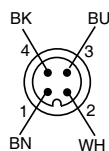
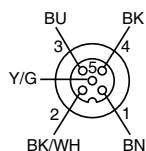
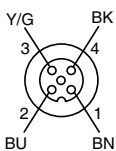
XZCP1169L●, XZCP1164L● **XZCP1264L●** **XZCP1541L●, XZCP1564L●**



L = 2, 5 or 10 m

L = 0.5, 1 or 2 m

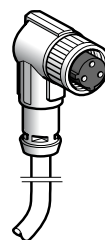
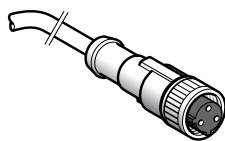
XZCP1169L● **XZCP1164L●** **XZCP1541L●** **XZCP1564L●**



Machine cabling accessories

OsiSense XZ

Pre-wired connectors, 1/2"-20UNF and 7/8"-16UN
PUR cable



Connector type	Female, 1/2"-20UNF, straight	Female, 1/2"-20UNF, elbowed
Number of pins	3	

References

PUR cable (see page 10)	L = 2 m	XZCP1865L2	XZCP1965L2
	L = 5 m	XZCP1865L5	XZCP1965L5
	L = 10 m	XZCP1865L10	XZCP1965L10
Weight (kg)	0.080 (L = 2 m), 0.180 (L = 5 m), 0.350 (L = 10 m)		

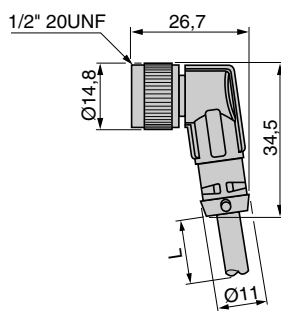
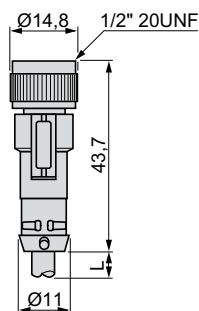
Characteristics

Certifications	UL
Connection type	Screw threaded (metal clamping ring)
Cable material	PUR/PVC sheath, PVC conductor insulation
Degree of protection	IP 67 (with connector correctly tightened)
Ambient air temperature	- 35...+ 80°C
Cabling	Ø 5.2 mm cable, conductor c.s.a.: 3 x 0.34 mm ²
LED indicators	–
Nominal voltage	~ 250 V, ~ 300 V
Nominal current	4 A
Insulation resistance	> 10 ⁹ Ω
Contact resistance	≤ 5 m Ω

Dimensions

XZCP1865L●

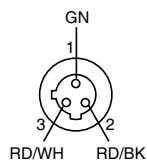
XZCP1965L●

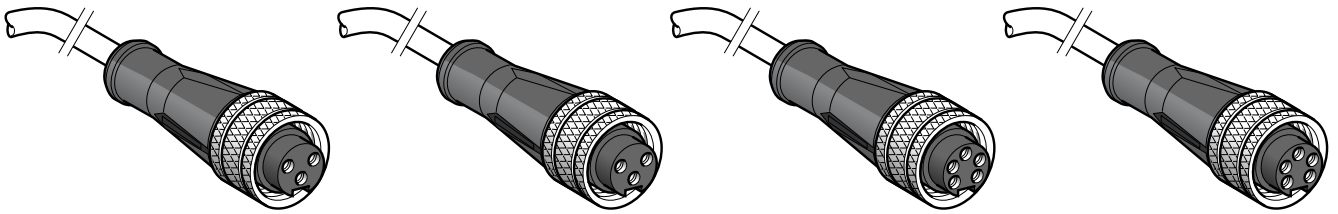


L = 2, 5 or 10 m

Connections

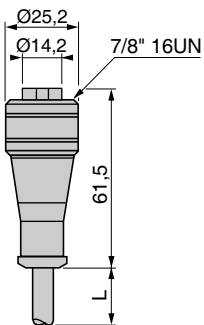
XZCP1●65L●





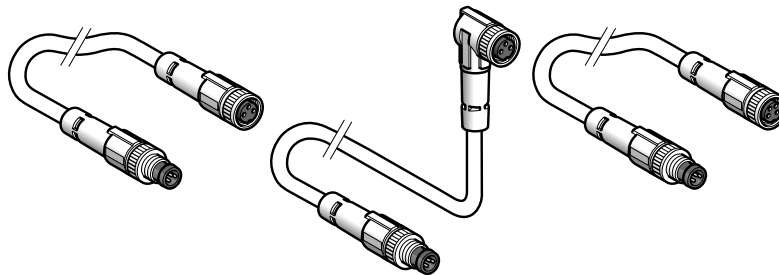
Female, 7/8"-16UN, straight 3	Female, 7/8"-16UN, straight	Female, 7/8"-16UN, straight 5	Female, 7/8"-16UN, straight
XZCP1662L2	XZCP1670L2	XZCP1764L2	XZCP1774L2
XZCP1662L5	XZCP1670L5	XZCP1764L5	XZCP1774L5
-	XZCP1670L10	XZCP1764L10	XZCP1774L10
0.180 (L = 2 m), 0.420 (L = 5 m)	0.180 (L = 2 m), 0.420 (L = 5 m), 0.820 (L = 10 m)	0.185 (L = 2 m), 0.460 (L = 5 m), 0.900 (L = 10 m)	0.240 (L = 2 m), 0.450 (L = 5 m), 0.800 (L = 10 m)
Screw threaded (metal clamping ring)		Screw threaded (metal clamping ring)	
PUR/PVC sheath, PVC conductor insulation		PUR/PVC sheath, PVC conductor insulation	PUR sheath, PP conductor insulation
IP 67 (with connector correctly tightened)		IP 67 (with connector correctly tightened)	
- 35...+ 80°C		- 35...+ 80°C	
Ø 5 mm cable, conductor c.s.a.: 3 x 0.5 mm ²		Ø 5.9 mm cable, conductor c.s.a.: 5 x 0.34 mm ²	Ø 5 mm cable, conductor c.s.a.: 5 x 0.34 mm ²
~ 250 V		~ 250 V	~ 250 V/≡ 300 V
6 A		4 A	4 A
> 10 ⁹ Ω		> 10 ⁹ Ω	> 10 ⁹ Ω
≤ 5 m Ω		≤ 5 m Ω	≤ 5 m Ω

XZCP1662L●, XZCP1670L●, XZCP1764L●, XZCP1774L●



L = 2, 5 or 10 m

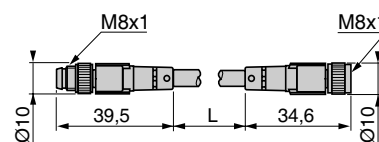
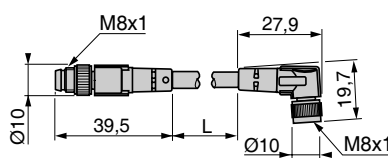
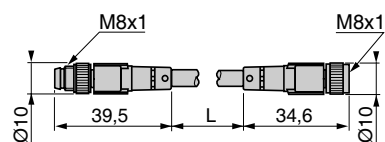
XZCP1662L●	XZCP1670L●	XZCP1764L●	XZCP1774L●



Male connector type	M8, 3-pin, straight			
Female connector type	M8, 3-pin, straight	M8, 3-pin, elbowed	M8, 4-pin, straight	
Number of conductors	3	3	3	
References				
PUR cable (see page 10)	L = 1 m	XZCR2705037R1	XZCR2706037R1	XZCR2709037S1
	L = 2 m	XZCR2705037R2	XZCR2706037R2	XZCR2709037S2
Weight (kg)	L = 1 m	0.060		
	L = 2 m	0.090		

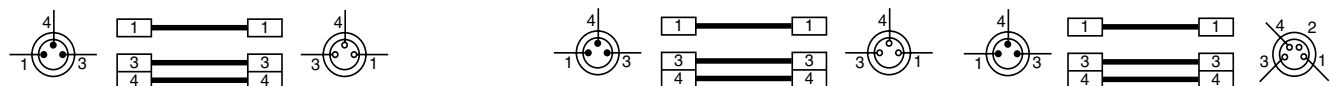
Characteristics		
Certifications	UL	
Connection type	Male: screw threaded and clip. Female: screw threaded. Metal clamping ring.	
Cable material	PUR sheath, PP conductor insulation	
Degree of protection	IP 65, IP 67, IP 69K	
Ambient air temperature	Static cable	- 40...+ 80°C
	Flexing cable	- 5...+ 80°C
Conductor c.s.a.	3 x 0.34 mm ²	
Cable diameter	4.4 mm	
Nominal voltage	~ 60 V, ≐ 45 V	
Nominal current	4 A	
Insulation resistance	> 10 ⁹ Ω	
Contact resistance	≤ 5 m Ω	

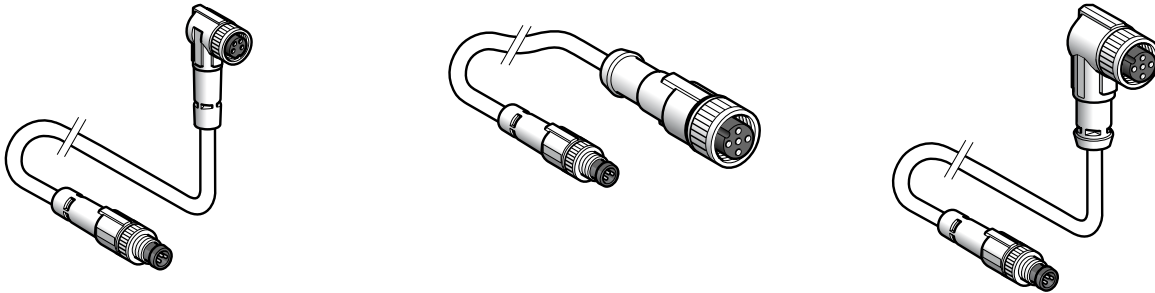
Dimensions		
XZCR2705037R●	XZCR2706037R●	XZCR2709037S●



L = 1 or 2 m

Connections

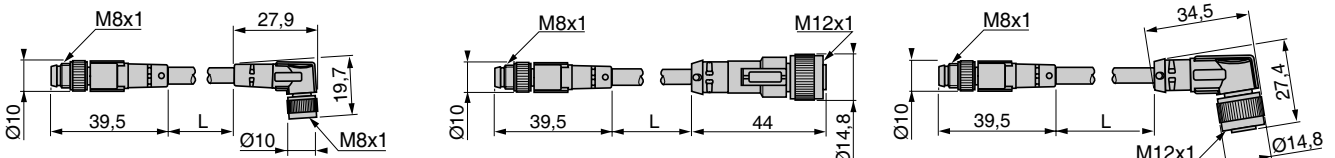




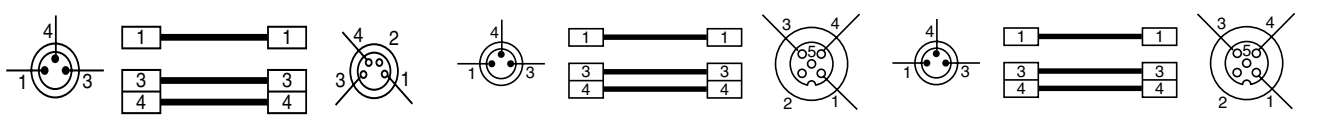
M8, 3-pin, straight		
M8, 4-pin, elbowed	M12, 5-pin, straight	M12, 5-pin, elbowed
3	3	3
XZCR2710037S1	XZCR2711037T1	XZCR2712037T1
XZCR2710037S2	XZCR2711037T2	XZCR2712037T2
0.060	0.065	0.065
0.090	0.093	0.093

UL
Male: screw threaded and clip. Female: screw threaded. Metal clamping ring
PUR sheath, PP conductor insulation
IP 65, IP 67, IP 69K
-40...+80°C
-5...+80°C
3 x 0.34 mm ²
4.4 mm
~ 60 V, ~ 45 V
4 A
> 10 ⁹ Ω
≤ 5 m Ω

XZCR2710037S●	XZCR2711037T●	XZCR2712037T●
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L = 1 or 2 m

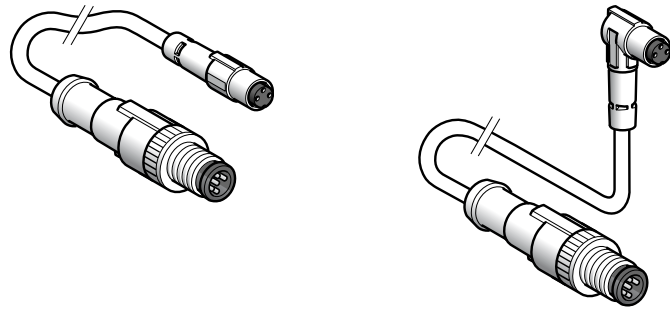


Machine cabling accessories

OsiSense XZ

Jumper cables, Ø 8 mm-M12 and M8-M12

PUR cable



		Clip	
Male connector type		M12, 3-pin, straight	
Female connector type		Ø 8 mm, 3-pin, straight	Ø 8 mm, 3-pin, elbowed
Number of conductors		3	

References

PUR cable (see page 10)	L = 1 m	XZCR1501040G1	XZCR1502040G1
	L = 2 m	XZCR1501040G2	XZCR1502040G2
Weight (kg)		0.050 (L = 1 m), 0.080 (L = 2 m)	

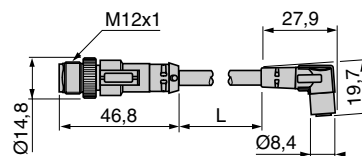
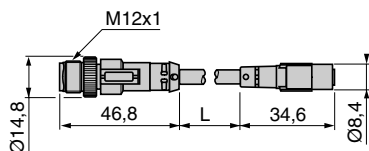
Characteristics

Certifications	UL		
Connection type	Male: screw threaded. Female: clip (1)		
Cable material	PUR sheath, PP conductor insulation		
Degree of protection	IP 67 (when correctly clipped together or with clamping ring correctly tightened)		
Ambient air temperature	Static cable	- 40...+ 80°C	
	Flexing cable	- 5...+ 80°C	
Conductor c.s.a.	3 x 0.34 mm ²		
Cable diameter	4.4 mm		
Nominal voltage	~ 60 V, --- 75 V		
Nominal current	4 A		
Insulation resistance	> 10 ⁹ Ω		
Contact resistance	≤ 5 m Ω		

Dimensions

XZCR1501040G●

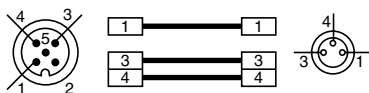
XZCR1502040G●



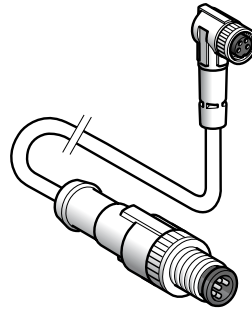
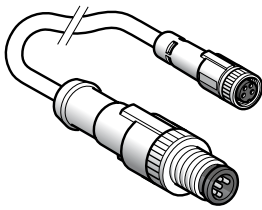
L = 1 or 2 m

Connections

XZCR1501040G●, XZCR1502040G●



(1) Clip together connector, without clamping ring.



Screw threaded

M12, 3-pin, straight	M8, 3-pin, straight	M8, 3-pin, elbowed	M12, 4-pin, straight	M8, 4-pin, straight	M8, 4-pin, elbowed
3			4		

XZCR1509040H1	XZCR1510040H1	XZCR1509041J1	XZCR1510041J1
XZCR1509040H2	XZCR1510040H2	XZCR1509041J2	XZCR1510041J2
0.050 (L = 1 m), 0.080 (L = 2 m)		0.055 (L = 1 m), 0.090 (L = 2 m)	

UL

Male and female: screw threaded

PUR sheath, PP conductor insulation

IP 65, IP 67, IP 69K

- 40...+ 80°C

- 5...+ 80°C

3 x 0.34 mm²

4 x 0.34 mm²

4.4 mm

~ 60 V, ~ 75 V

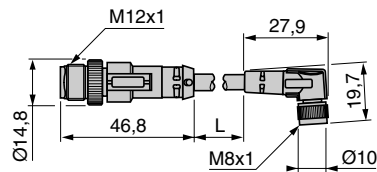
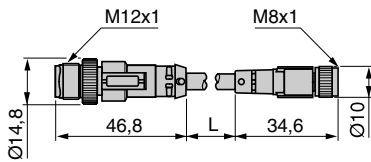
4 A

> 10⁹ Ω

≤ 5 m Ω

XZCR1509040H●, XZCR1509041J●

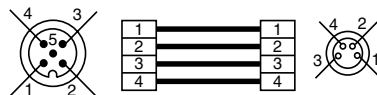
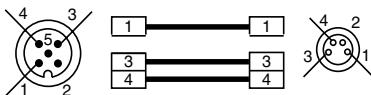
XZCR1510040H●, XZCR1510041J●



L = 1 or 2 m

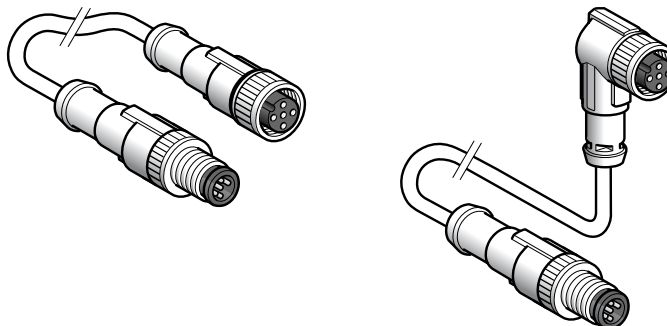
XZCR1509040H●, XZCR1510040H●

XZCR1509041J●, XZCR1510041J●



Machine cabling accessories

OsiSense XZ
Jumper cables, M12-M12
PUR cable



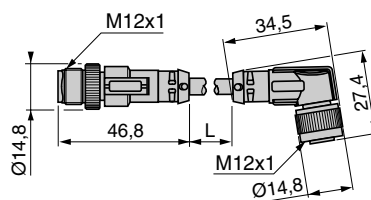
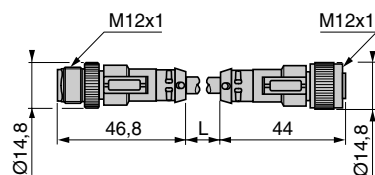
Male connector type	M12, 3-pin, straight				
Female connector type	M12, 3-pin, straight	M12, 3-pin, elbowed	M12, 3-pin, straight	M12, 3-pin, elbowed	
Number of conductors	3				
References					
	L = 1 m	XZCR1511040A1	XZCR1512040A1	XZCR1511040E1	XZCR1512040E1
	L = 2 m	XZCR1511040A2	XZCR1512040A2	XZCR1511040E2	XZCR1512040E2
Weight (kg)	0.065 (L = 1 m), 0.095 (L = 2 m)				

Characteristics	
Certifications	UL
Connection type	Male and female: screw threaded
Cable material	PUR sheath, PP conductor insulation
Degree of protection	IP 65, IP 67, IP 69K
Ambient air temperature	Static cable: -40...+80°C Flexing cable: -5...+80°C
Conductor c.s.a.	3 x 0.34 mm ²
Cable diameter	4.4 mm
Nominal voltage	~ 250 V, ~ 300 V
Nominal current	4 A
Insulation resistance	> 10 ⁹ Ω
Contact resistance	≤ 5 m Ω

Dimensions

XZCR1511040A●, XZCR1511040E●

XZCR1512040A●, XZCR1512040E●

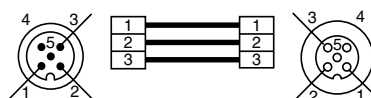
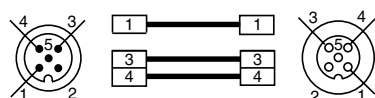


L = 1 or 2 m

Connections

XZCR1511040A●, XZCR1512040A●

XZCR1511040E●, XZCR1512040E●

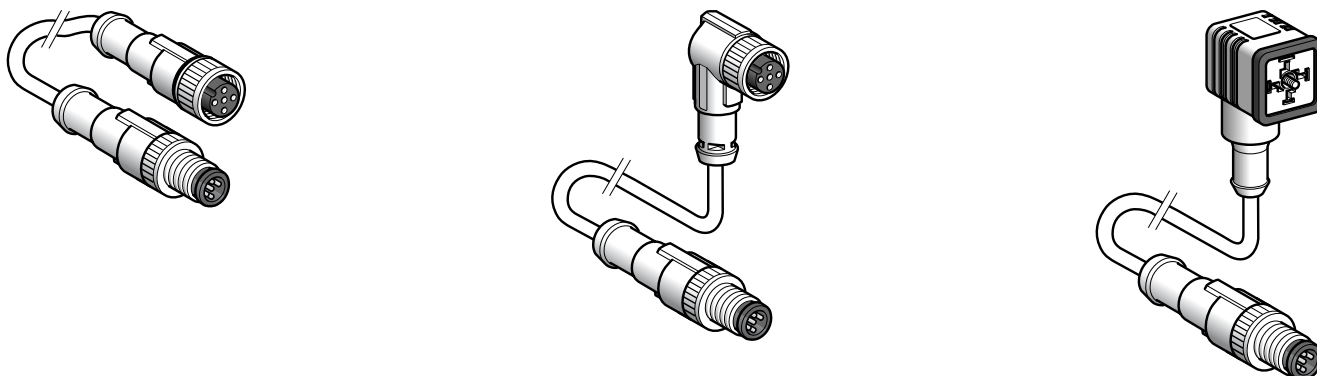


References,
characteristics,
dimensions,
connections

Machine cabling accessories

OsiSense XZ

Jumper cables, M12-M12 and EN 175301-803-A-M12 (1)
PUR/PVC cable



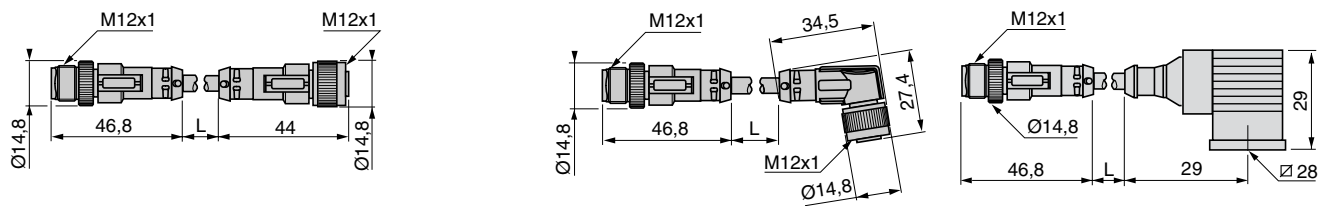
M12, 3-pin, straight	M12, 3-pin, straight	M12, 3-pin, elbowed	M12, 3-pin, straight	M12, 3-pin, elbowed	EN 175301-803-A, elbowed (1)
----------------------	----------------------	---------------------	----------------------	---------------------	------------------------------

3

XZCR1511062B1	XZCR1512062B1	XZCR1511062F1	XZCR1512062F1	XZCR1523062K1
XZCR1511062B2	XZCR1512062B2	XZCR1511062F2	XZCR1512062F2	XZCR1523062K2
0.065 (L = 1 m), 0.095 (L = 2 m)				0.110 (L = 1 m), 0.140 (L = 2 m)

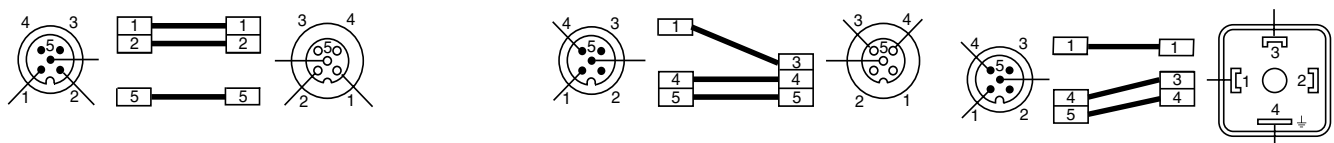
UL	-
Male and female: screw threaded	
PUR/PVC sheath, PVC conductor insulation	
IP 67 (with clamping ring correctly tightened)	
- 35...+ 90°C	
- 5...+ 90°C	
3 x 0.5 mm ²	3 x 0.50 mm ²
5.2 mm	4.5 mm
~ 30 V, ~ 36 V	
4 A	
> 10 ⁹ Ω	
≤ 5 m Ω	

XZCR1511062B●, XZCR1511062F● **XZCR1512062B●, XZCR1512062F●** **XZCR1523062K●**

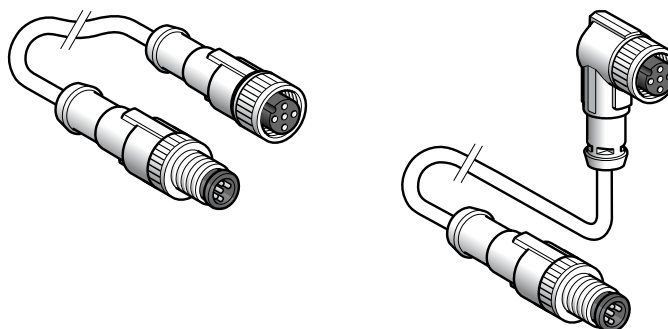


L = 1 or 2 m

XZCR1511062B●, XZCR1512062B● **XZCR1511062F●, XZCR1512062F●** **XZCR1523062K●**



(1) EN 175301-803-A: ex DIN 43650 A.



Male connector type	M12, 4-pin, straight	
Female connector type	M12, 4-pin, straight	M12, 4-pin, elbowed
Number of conductors	4	

References

PUR cable (see page 10)	L = 1 m	XZCR1511041C1	XZCR1512041C1
	L = 2 m	XZCR1511041C2	XZCR1512041C2

Weight (kg) 0.065 (L = 1 m), 0.095 (L = 2 m)

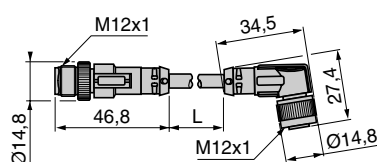
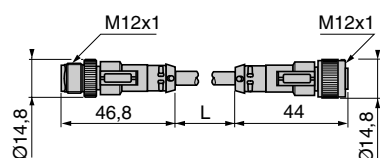
Characteristics

Certifications	UL	
Cable material	PUR sheath, PP conductor insulation	
Connection type	Male and female: screw threaded	
Degree of protection	IP 65, IP 67, IP 69K	
Ambient air temperature	Static cable	-40...+80°C
	Flexing cable	-5...+80°C
Conductor c.s.a.	4 x 0.34 mm ²	
Cable diameter	4.7 mm	
Nominal voltage	~ 250 V, ~ 300 V	
Nominal current	4 A	
Insulation resistance	> 10 ⁹ Ω	
Contact resistance	≤ 5 m Ω	

Dimensions

XZCR1511041C●

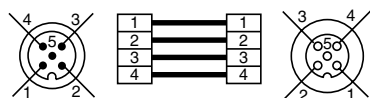
XZCR1512041C●

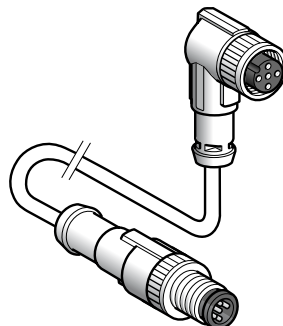
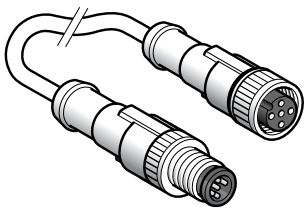


L = 1 or 2 m

Connections

XZCR1511041C●, XZCR1512041C●





M12, 5-pin, straight

M12, 5-pin, straight

5

M12, 5-pin, elbowed

XZCR1511064D1

XZCR1511064D2

0.080 (L = 1 m), 0.130 (L = 2 m)

XZCR1512064D1

XZCR1512064D2

UL

Male and female: screw threaded

PUR sheath, PP conductor insulation

IP 65, IP 67, IP 69K

- 40... + 80°C

- 5... + 80°C

4 x 0,34 mm² + 1 x 0,5 mm²

5,0 mm

~ 30 V, --- 36 V

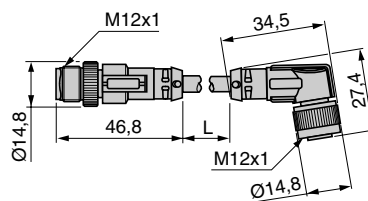
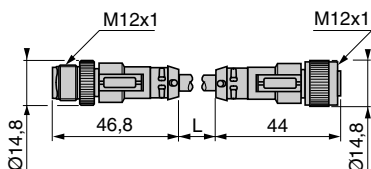
4 A

> 10⁹ Ω

≤ 5 m Ω

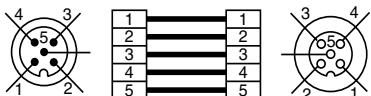
XZCR1511064D●

XZCR1512064D●



L = 1 or 2 m

XZCR1511064D●, XZCR1512064D●



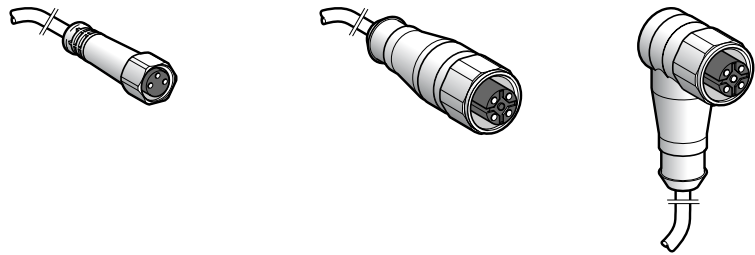
Machine cabling accessories

OsiSense XZ

Pre-wired connectors, Application series

M8, M12 and 1/2"-20UNF

PVC cable



Connector type	Female, M8, straight	Female, M8, straight	Female, M12, straight	Female, M12, elbowed	Female, M12, elbowed
Number of pins	3	4	4	4	5

References

PVC cable (see page 11)	L = 2 m	–	–	XZCPA1141L2	XZCPA1241L2	XZCPA1164L2
	L = 5 m	XZCPA0566L5	XZCPA0941L5	XZCPA1141L5	XZCPA1241L5	XZCPA1164L5
	L = 10 m	XZCPA0566L10	XZCPA0941L10	XZCPA1141L10	XZCPA1241L10	XZCPA1164L10
Weight (kg)	L = 2 m	–	–	0.090	0.090	0.110
	L = 5 m	0.175	0.200	0.210	0.210	0.250
	L = 10 m	0.340	0.400	0.410	0.410	0.485

Characteristics

Connection type	Screw threaded, smooth, hexagonal, stainless steel 316L clamping ring (1)					
Clamping ring dimension	9 mm		14 mm			
Degree of protection	IP 68			IP 69K		
Ambient air temperature	Static cable usage - 25...+ 85°C					
Cabling	Cable	Ø 5.0 mm	Ø 5.3 mm	Ø 5.3 mm	Ø 5.3 mm	Ø 5.7 mm
	Conductor c.s.a.	3 x 0.34 mm ²	4 x 0.34 mm ²	4 x 0.34 mm ²		5 x 0.34 mm ²
Nominal voltage	~ 60 V, ~ 75 V			~ 250 V, ~ 300 V		
Nominal current	4 A			4 A		
Insulation resistance	> 10 ⁹ Ω			> 10 ⁹ Ω		
Contact resistance	≤ 5 m Ω			≤ 5 m Ω		

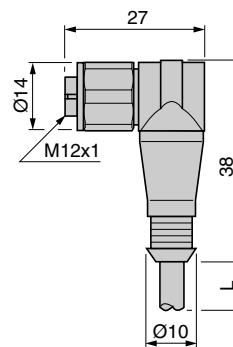
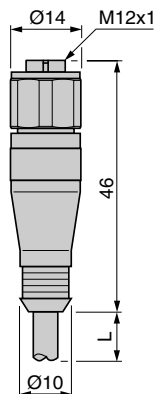
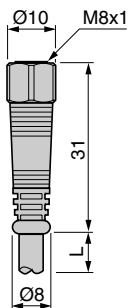
(1) Tightening by hand recommended

Dimensions

XZCPA0566L●, XZCPA0941L●

XZCPA1141L●

XZCPA1241L●, XZCPA1164L●



L = 2, 5 or 10 m

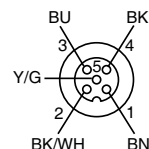
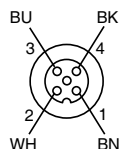
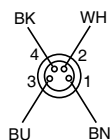
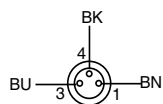
Connections

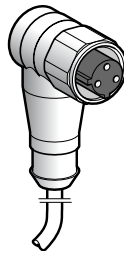
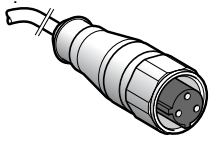
XZCPA0566L●

XZCPA0941L●

XZCPA1141L●, XZCPA1241L●

XZCPA1164L●





Female, 1/2"-20UNF,
straight
3

Female, 1/2"-20UNF,
elbowed
3

-

-

XZCPA1865L5
XZCPA1865L10

XZCPA1965L5
XZCPA1965L10

-

-

0.210
0.410

0.250
0.485

Screw threaded, smooth, hexagonal, stainless steel 316L clamping ring (1)

14 mm

IP 69K

- 25...+ 85°C

Ø 5.0 mm

3 x 0.34 mm²

3 x 0.34 mm²

~ 250 V, --- 300 V

~ 250 V, --- 300 V

4 A

4 A

> 10⁹ Ω

> 10⁹ Ω

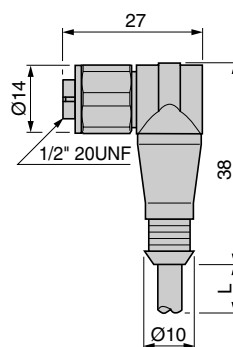
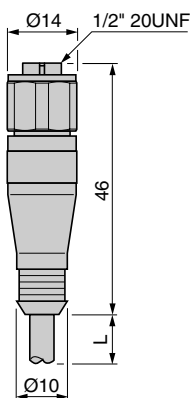
≤ 5 m Ω

≤ 5 m Ω

(1) Tightening by hand recommended

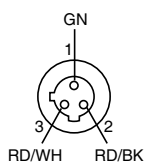
XZCPA1865L●

XZCPA1965L●



L = 5 or 10 m

XZCPA1865L●, XZCPA1965L●





Male connector type	M12, 4-pin, straight	M12, 3-pin, straight
Female connector type	M8, 4-pin, straight	M12, 3-pin, straight
Number of conductors	4	3

References

PVC cable (see page 11)	L = 2 m	XZCRA150941J2	XZCRA151140A2
	L = 5 m	XZCRA150941J5	XZCRA151140A5
Weight (kg)	L = 2 m	0.100	0.095
	L = 5 m	0.210	0.200

Characteristics

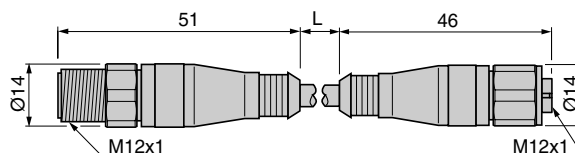
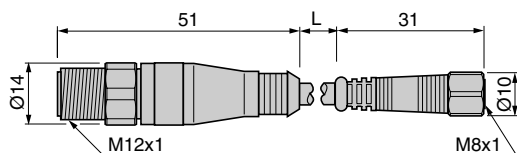
Connection type	Screw threaded, smooth, hexagonal, stainless steel 316L clamping ring (1)		
Clamping ring dimension	14/9 mm		14 mm
Degree of protection	IP 68		IP 69K
Ambient air temperature	Static cable usage	- 25...+ 85°C	
Cabling	Cable	Ø 5.3 mm	Ø 5.0 mm
	Conductor c.s.a.	4 x 0.34 mm ²	3 x 0.34 mm ²
Nominal voltage	~ 60 V, --- 75 V		~ 250 V, --- 300 V
Nominal current	4 A		
Insulation resistance	> 10 ⁹ Ω		
Contact resistance	≤ 5 m Ω		

(1) Tightening by hand recommended

Dimensions

XZCRA150941J●

XZCRA151140A●

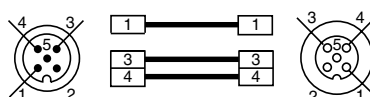
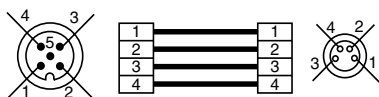


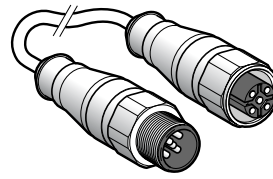
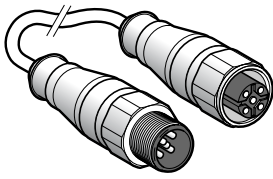
L = 2 or 5 m

Connections

XZCRA150941J●

XZCRA151140A●





M12, 4-pin, straight	M12, 5-pin, straight
M12, 4-pin, straight	M12, 5-pin, straight
4	5

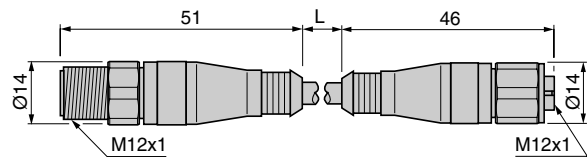
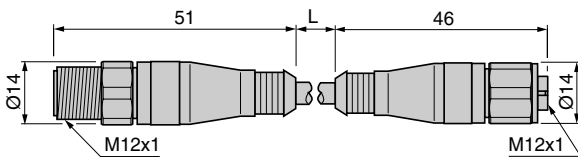
XZCRA151141C2	XZCRA151164D2
XZCRA151141C5	XZCRA151164D5

0.105	0.120
0.220	0.260

Screw threaded, smooth, hexagonal, stainless steel 316L clamping ring (1)	
14 mm	
IP 69K	
- 25...+ 85°C	
Ø 5.3 mm	Ø 5.7 mm
4 x 0.34 mm ²	5 x 0.34 mm ²
~ 250 V, ~ 300 V	
4 A	
> 10 ⁹ Ω	
≤ 5 m Ω	

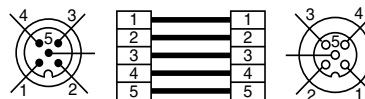
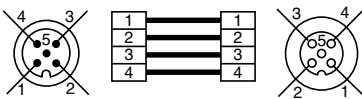
(1) Tightening by hand recommended

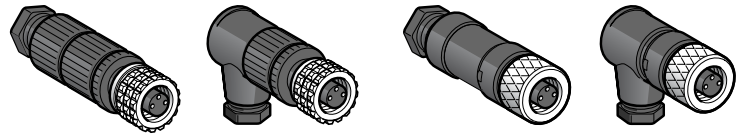
XZCRA151141C●	XZCRA151164D●
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L = 2 or 5 m

XZCRA151141C●	XZCRA151164D●
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Connector type	Female, M8, straight	Female, M8, elbowed	Female, M8, straight	Female, M8, elbowed
Number of pins	3			
Cable connection	By axial IDC (Insulation Displacement Connector)		To solder terminals	

References

Plastic body	Metal clamping ring	XZCC8FDM30V	XZCC8FCM30V	XZCC8FDM30S	XZCC8FCM30S
	Plastic clamping ring	-			
Weight (kg)	0.010				

Characteristics

Connection type	Screw threaded (metal clamping ring)	Screw threaded (metal clamping ring)
Degree of protection	IP 67 (with connector correctly tightened)	IP 67 (with connector correctly tightened)
Ambient air temperature	- 25...+ 70°C	- 40...+ 85°C
Cabling	By IDC. Conductor diameter: 1...1.55 mm Cable gland: M9.5 x 1 Maximum clamping capacity: 5 mm	To solder terminals. Maximum conductor c.s.a.: 0.25 mm ² Cable gland: M9.5 x 1 Maximum clamping capacity: 5 mm
LED indicators	-	-
Nominal voltage	~ 60 V, --- 75 V	~ 60 V, --- 75 V
Nominal current	4 A	4 A
Insulation resistance	> 10 ⁹ Ω	> 10 ⁹ Ω
Contact resistance	≤ 10 mΩ	≤ 5 mΩ

Dimensions

XZCC8FDM30V	XZCC8FCM30V	XZCC8FDM30S	XZCC8FCM30S

(1) Cable gland: M9.5 x 1

Connections

XZCC8FDM30●, XZCC8FCM30●



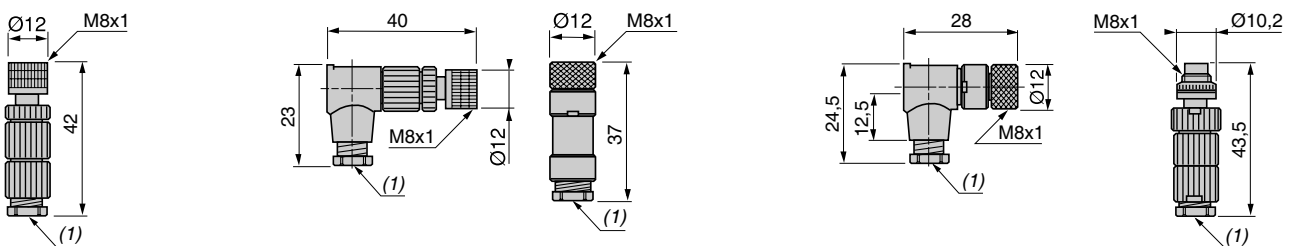


Female, M8, straight	Female, M8, elbowed	Female, M8, straight	Female, M8, elbowed	Male, M8, straight
4				3
By axial IDC (Insulation Displacement Connector)		To solder terminals		

XZCC8FDM40V	XZCC8FCM40V	XZCC8FDM40S	XZCC8FCM40S	XZCC8MDM30V
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-	-	-	-	-
0.010				
Screw threaded (metal clamping ring)	Screw threaded (metal clamping ring)	Screw threaded (metal clamping ring)	Screw threaded (metal clamping ring)	Screw threaded (metal clamping ring)
IP 67 (with connector correctly tightened)	IP 67 (with connector correctly tightened)	IP 67 (with connector correctly tightened)	IP 67 (with connector correctly tightened)	IP 67 (with connector correctly tightened)
- 25...+ 70°C	- 40...+ 85°C	- 40...+ 85°C	- 40...+ 85°C	- 40...+ 85°C
By IDC. Conductor diameter: 1...1.55 mm Cable gland: M9.5 x 1 Maximum clamping capacity: 5 mm	To solder terminals. Maximum conductor c.s.a.: 0.25 mm ² Cable gland: M9.5 x 1 Maximum clamping capacity: 5 mm	To solder terminals. Maximum conductor c.s.a.: 0.25 mm ² Cable gland: M9.5 x 1 Maximum clamping capacity: 5 mm	To solder terminals. Maximum conductor c.s.a.: 0.25 mm ² Cable gland: M9.5 x 1 Maximum clamping capacity: 5 mm	By IDC. Maximum conductor c.s.a.: 0.25 mm ² Cable gland: M9.5 x 1 Maximum clamping capacity: 5 mm
-	-	-	-	-
~ 60 V, ≐ 75 V	~ 60 V, ≐ 75 V	~ 60 V, ≐ 75 V	~ 60 V, ≐ 75 V	~ 60 V, ≐ 75 V
4 A	4 A	4 A	4 A	4 A
> 10 ⁹ Ω	> 10 ⁹ Ω	> 10 ⁹ Ω	> 10 ⁹ Ω	> 10 ⁹ Ω
≤ 10 mΩ	≤ 5 mΩ	≤ 5 mΩ	≤ 5 mΩ	≤ 5 mΩ

XZCC8FDM40V	XZCC8FCM40V	XZCC8FDM40S	XZCC8FCM40S	XZCC8MDM30V
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(1) Cable gland: M9.5 x 1

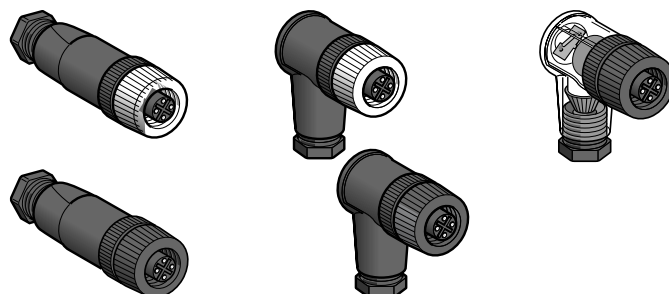
XZCC8FDM40●, XZCC8FCM40●	XZCC8MDM30V
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Machine cabling accessories

OsiSense XZ

Connectors, M12 and 1/2"-20UNF



Connector type	Female, M12, straight	Female, M12, elbowed	Female, M12, elbowed
Number of pins	4		
Cable connection	To screw terminals		

References

Plastic body	Metal clamping ring	XZCC12FDM40B	XZCC12FCM40B	-
	Plastic clamping ring	XZCC12FDP40B	XZCC12FCP40B	XZCC12FCP42B
Weight (kg)	0.020			

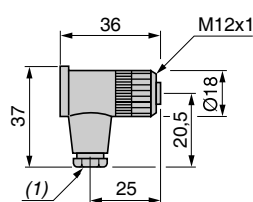
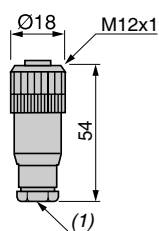
Characteristics

Connection type	Screw threaded (plastic or metal clamping ring, depending on model)		
Degree of protection	IP 67 (with connector correctly tightened)		
Ambient air temperature	- 40...+ 85°C		
Cabling	To screw terminals. Maximum conductor c.s.a.: 0.75 mm ² Cable gland: no. 7 plastic (Pg 7) Clamping capacity: 3 to 6 mm		
LED indicators	-	2 PNP LEDs	
Nominal voltage	~ 125 V, --- 150 V	--- 10...30 V	
Nominal current	3 A	3 A	
Insulation resistance	> 10 ¹² Ω	> 10 ¹² Ω	
Contact resistance	≤ 8 m Ω	≤ 8 m Ω	

Dimensions

XZCC12FD●40B

XZCC12FC●40B, XZCC12FCP42B

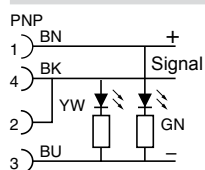


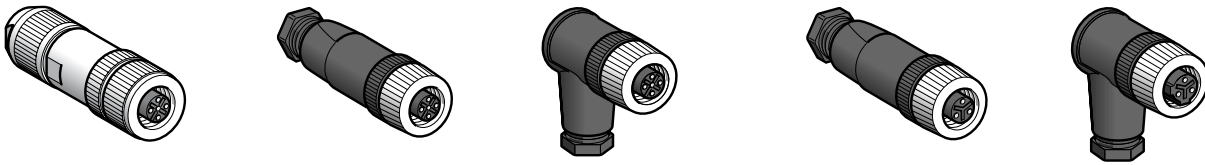
(1) Cable gland: no. 7 plastic (Pg 7)

Connections

XZCC12FD●40B, XZCC12FC●40B, XZCC12FCP42B

LED connection for XZCC12FCP42B

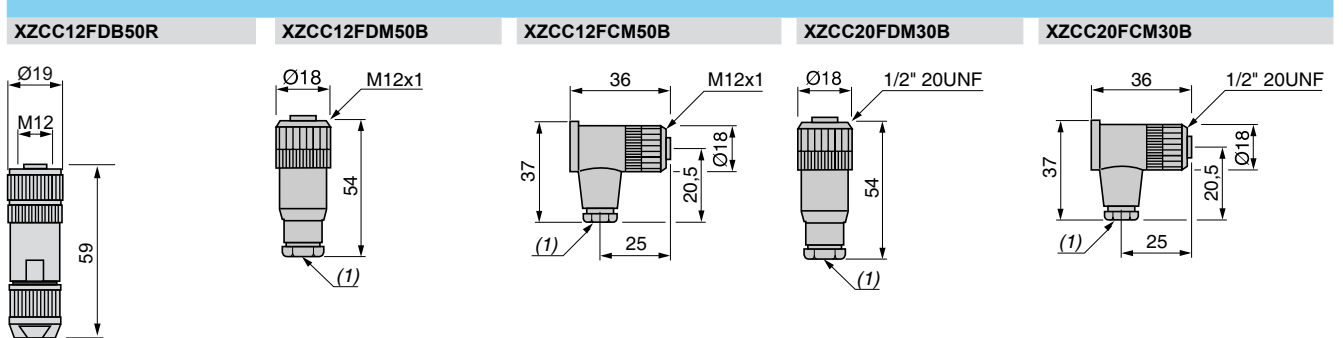




Female, M12, straight, shielded	Female, M12, straight	Female, M12, elbowed	Female, 1/2"-20UNF, straight	Female, 1/2"-20UNF, elbowed
5	5		3	
To spring terminals	To screw terminals			

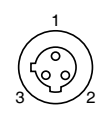
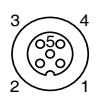
XZCC12FDB50R	XZCC12FDM50B	XZCC12FCM50B	XZCC20FDM30B	XZCC20FCM30B
-	-			
0.050	0.020			

Screw threaded (metal clamping ring)		
IP 67 (with connector correctly tightened)		IP 67 (with connector correctly tightened)
- 40...+ 85°C		- 40...+ 85°C
To spring terminals Maximum conductor c.s.a.: 0.5 mm ² Clamping capacity: 4 to 8 mm	To screw terminals Maximum conductor c.s.a.: 0.75 mm ² Cable gland: no. 7 plastic (Pg 7) Clamping capacity: 3 to 6 mm	
-	-	-
~ 30 V, ~ 36 V	~ 30 V, ~ 36 V	~ 250 V
4 A	3 A	4 A
> 10 ¹² Ω	> 10 ¹² Ω	> 10 ¹² Ω
≤ 8 mΩ	≤ 8 mΩ	≤ 8 mΩ



(1) Cable gland: no. 7 plastic (Pg 7)

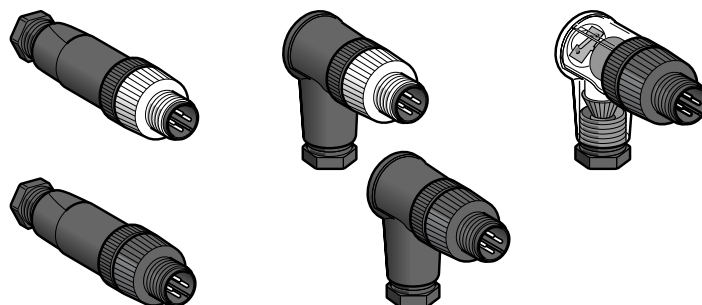
XZCC12FDB50R, XZCC12F•M50B	XZCC20F•M30B
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Machine cabling accessories

OsiSense XZ

Connectors, M12 and 1/2"-20UNF



Connector type	Male, M12, straight	Male, M12, elbowed	Male, M12, elbowed
Number of pins	4		
Cable connection	To screw terminals		

References

Plastic body	Metal clamping ring	XZCC12MDM40B	XZCC12MCM40B	-
	Plastic clamping ring	XZCC12MDP40B	XZCC12MCP40B	XZCC12MCP42B
Weight (kg)	0.025			

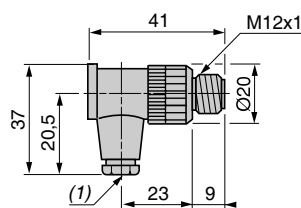
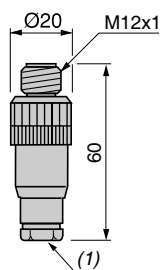
Characteristics

Connection type	Screw threaded (plastic or metal clamping ring, depending on model)		
Degree of protection	IP 67 (with connector correctly tightened)		
Ambient air temperature	- 40...+ 85°C		
Cabling	To screw terminals Maximum conductor c.s.a.: 0.75 mm ² Cable gland: no. 7 plastic (Pg 7) Clamping capacity: 3 to 6 mm		
LED indicators	-	2 PNP LEDs	
Nominal voltage	~ 125 V, = 150 V	= 10...30 V	
Nominal current	3 A	3 A	
Insulation resistance	> 10 ¹² Ω	> 10 ¹² Ω	
Contact resistance	≤ 8 m Ω	≤ 8 m Ω	

Dimensions

XZCC12MD●40B

XZCC12MC●40B, XZCC12MCP42B

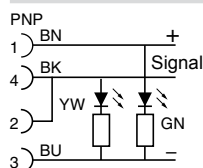


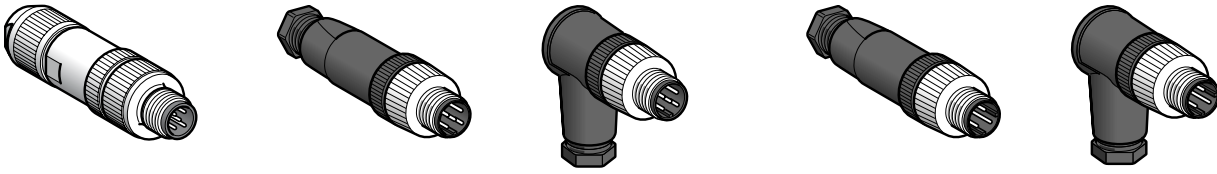
(1) Cable gland: no. 7 plastic (Pg 7)

Connections

XZCC12MD●40B, XZCC12MC●40B, XZCC12MCP42B

LED connection for XZCC12MCP42B





Male, M12, straight, shielded	Male, M12, straight	Male, M12, elbowed	Male, 1/2"-20UNF, straight	Male, 1/2"-20UNF, elbowed
5	5		3	
To spring terminals	To screw terminals			

XZCC12MDB50R	XZCC12MDM50B	XZCC12MCM50B	XZCC20MDM30B	XZCC20MCM30B
0.050	0.025			

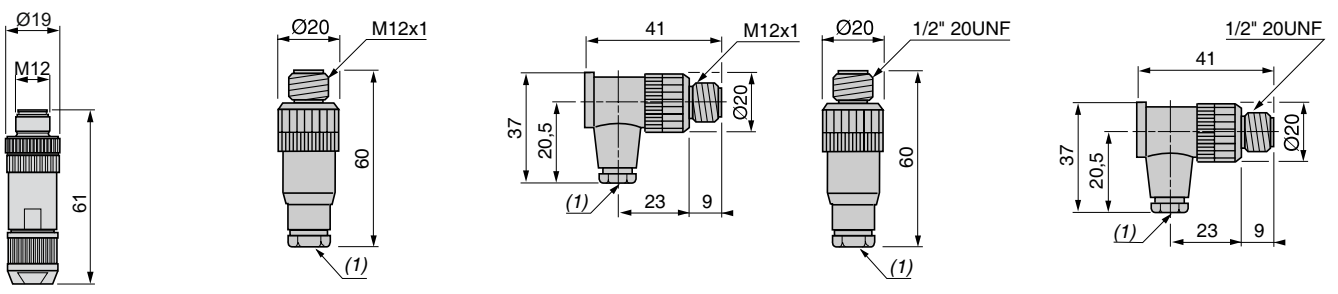
Screw threaded (metal clamping ring)

IP 67 (with connector correctly tightened)

- 40...+ 85°C

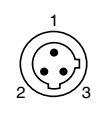
To spring terminals Maximum conductor c.s.a.: 0.5 mm ² Clamping capacity: 4 to 8 mm	To screw terminals Maximum conductor c.s.a.: 0.75 mm ² Cable gland: no. 7 plastic (Pg 7) Clamping capacity: 3 to 6 mm	
-	-	-
~ 30 V, --- 36 V	~ 30 V, --- 36 V	~ 250 V
4 A	3 A	4 A
> 10 ¹² Ω	> 10 ¹² Ω	> 10 ¹² Ω
≤ 8 m Ω	≤ 8 m Ω	≤ 8 m Ω

XZCC12MDB50R XZCC12MDM50B XZCC12MCM50B XZCC20MDM30B XZCC20FCM30B



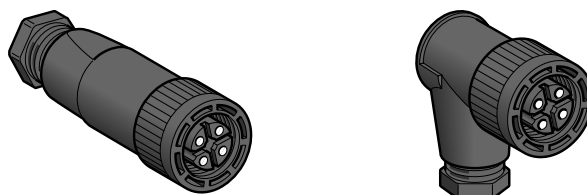
(1) Cable gland: no. 7 plastic (Pg 7)

XZCC12MDB50R, XZCC12M●M50B XZCC20M●M30B



Machine cabling accessories

OsiSense XZ
Connectors, M18 and EN 175301-803-A
(ex DIN 43650 A)



Connector type	Female, M18, straight	Female, M18, elbowed
Number of pins	4	
Cable connection	To screw terminals	

References

Plastic body	Metal clamping ring	-	
	Plastic clamping ring		
Weight (kg)		0.035	

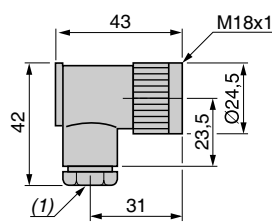
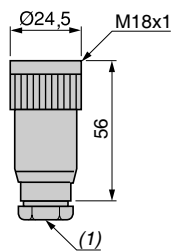
Characteristics

Connection type	Screw threaded (plastic clamping ring)
Degree of protection	IP 65 (with connector correctly tightened)
Ambient air temperature	- 40...+ 85°C
Cabling	To screw terminals Maximum conductor c.s.a.: 1.5 mm ² Cable gland: no. 9 plastic (Pg 9) Clamping capacity: 5 to 8 mm
LED indicators	-
Nominal voltage	~ 250 V
Nominal current	16 A
Insulation resistance	> 10 ¹² Ω
Contact resistance	≤ 10 mΩ

Dimensions

XZCC18FDP40B

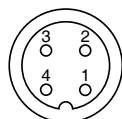
XZCC18FCP40B

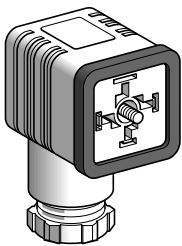


(1) Cable gland: no. 9 plastic (Pg 9)

Connections

XZCC18F●P40B





Female, EN 175301-803-A (ex DIN 43650 A), elbowed

4

To screw terminals

XZCC43FCP40B

-

0.035

With locking screw

IP 65 (with connector correctly locked)

- 40...+ 125°C

To screw terminals

Maximum conductor c.s.a.: 1.5 mm²

Cable gland: no. 11 plastic (Pg 11)

Clamping capacity: 7 to 10 mm

-

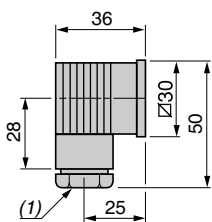
~ 250 V

16 A

> 10⁸ Ω

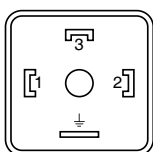
≤ 4 m Ω

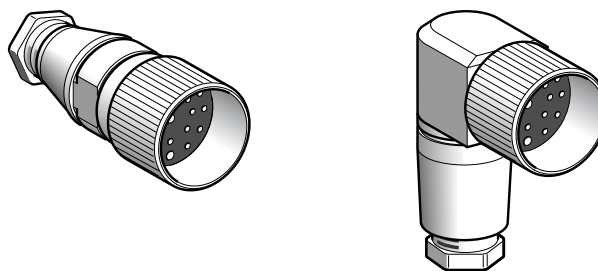
XZCC43FCP40B



(1) Cable gland: no. 11 plastic (Pg 11)

XZCC43FCP40B





Connector type	Female, M23, straight	Female, M23, elbowed
Number of pins	19	
Cable connection	To solder terminals	

References

Metal body and metal clamping ring	Contacts numbered anti-clockwise	XZCC23FDM190S	XZCC23FCM190S
Weight (kg)		0.080	0.150

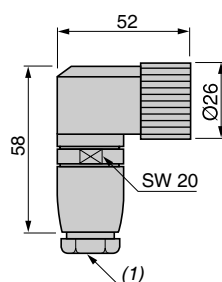
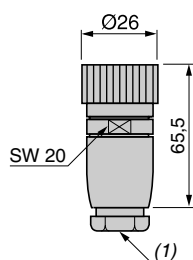
Characteristics

Connection type	Screw threaded (metal clamping ring)
Degree of protection	IP 65 (with connector correctly tightened)
Ambient air temperature	- 25...+ 110°C
Cabling	To solder terminals Maximum conductor c.s.a.: 1 mm ² Cable gland: no. 13 metal (Pg 13.5) Clamping capacity: 9 to 12 mm
LED indicators	—
Nominal voltage	~ 60 V , --- 75 V
Nominal current	7.5 A
Insulation resistance	> 10 ¹⁶ Ω
Contact resistance	≤ 5 m Ω

Dimensions

XZCC23FDM190S

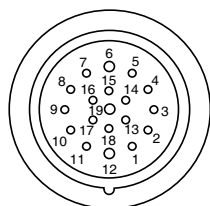
XZCC23FCM190S

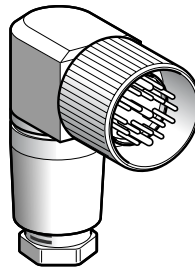
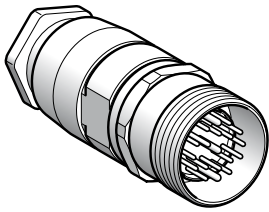


(1) Cable gland: no. 13 metal (Pg 13.5)

Connections

XZCC23F●M190S





Male, M23, straight

Male, M23, elbowed (compatible with enclosure feed-throughs ABE7ACC82)

19

To solder terminals

XZCC23MDM190S

XZCC23MCM190S

0.080

0.150

Screw threaded (metal clamping ring)

IP 65 (with connector correctly tightened)

- 25...+ 110°C

To solder terminals

Maximum conductor c.s.a.: 1 mm²

Cable gland: no. 13 metal (Pg 13.5)

Clamping capacity: 9 to 12 mm

-

~ 60 V, --- 75 V

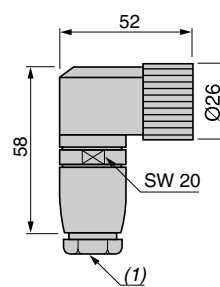
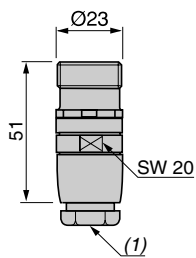
7.5 A

> 10¹⁶ Ω

≤ 5 m Ω

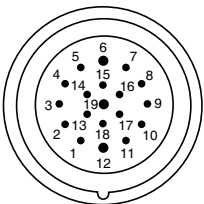
XZCC23MDM190S

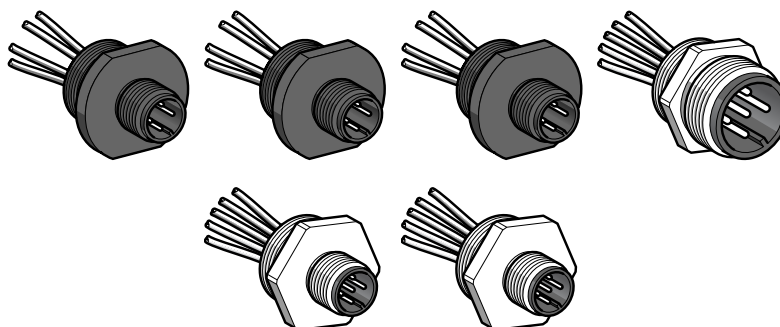
XZCC23MCM190S



(1) Cable gland: no. 13 metal (Pg 13.5)

XZCC23M●M190S





Type of 5-pin connector	M12, male		7/8" 16UN, male	
Size of tapped hole	11 (Pg 11)	13 (Pg 13.5)	M20 x 1.5	13 (Pg 13.5)

References

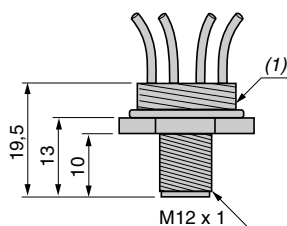
4-wire connector adaptors, plastic body	XZCE11P124M	XZCE13P124M	XZCE03P124M	–
5-wire connector adaptors, metal body	–	XZCE13M125M	XZCE03M125M	XZCE13M785M
Weight (kg)	0.020	0.020 (4-wire), 0.025 (5-wire)		0.050

Characteristics

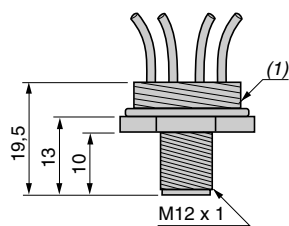
Connection type	Screw threaded			
Degree of protection	IP 67			
Ambient air temperature	- 25...+ 80°C			
Cabling	Via 100 mm long wires.			
Conductor c.s.a.	4 x 0.34 mm ²	XZCE●3P124M: 4 x 0.34 mm ² XZCE●3M125M: 4 x 0.34 mm ² + 1 x 0.5 mm ²	5 x 1 mm ²	
Nominal voltage	~ 250 V, ≐ 300 V	XZCE●3P124M: ~ 250 V, ≐ 300 V XZCE●3M125M: ~ 30 V, ≐ 36 V	~ 250 V, ≐ 300 V	
Nominal current	4 A		6 A	
Insulation resistance	> 10 ⁹ Ω			
Contact resistance	≤ 5 mΩ			

Dimensions

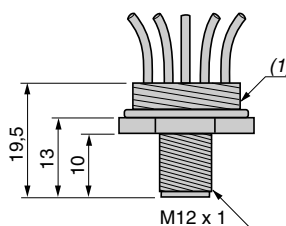
XZCE11P124M	XZCE●3P124M	XZCE●3M125M	XZCE13M785M
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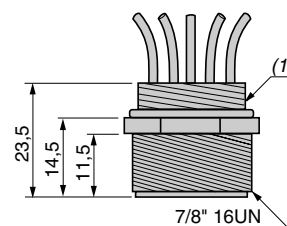
(1) Thread size 11



(1) Thread size 13 or M20 x 1.5



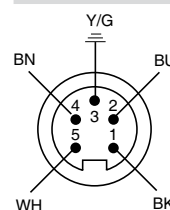
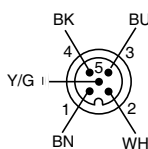
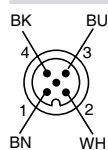
(1) Thread size 13 or M20 x 1.5

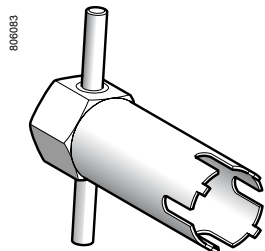


(1) Thread size 13

Connections

XZCE●●P124M	XZCE●●P125M	XZCE13M785M
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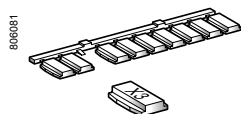
806083

XZCG0223



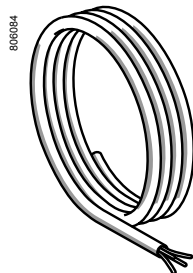
806082

XZLG102



806081

XZLG101



806084

XZCB4L●●●●

Accessories

Description	Unit reference	Weight kg
Mounting tool for M23 connector	XZCG0223	0.120
Blanking plugs for M12 female connectors (Sold in lots of 10)	XZLG102	0.005
Markers for splitter boxes (Strips of 10 units)	XZLG101	0.010
PvR cables, 4 x 0.5 mm² (see characteristics, page 11)	L = 25 m	XZCB4L0025 1.115
	L = 50 m	XZCB4L0050 2.220
	L = 100 m	XZCB4L0100 4.490

X									
XZCB4L0025	47	XZCP0566L5	19	XZCP1865L5	22	XZCPV1541L5	13	XZCR2706037R2	24
XZCB4L0050	47	XZCP0566L10	19	XZCP1865L10	22	XZCPV1564L1	14	XZCR2709037S1	24
XZCB4L0100	47	XZCP0666L2	19	XZCP1965L2	22	XZCPV1564L2	14	XZCR2709037S2	24
XZCC8FCM30S	36	XZCP0666L5	19	XZCP1965L5	22	XZCPV1564L5	14	XZCR2710037S1	25
XZCC8FCM30V	36	XZCP0666L10	19	XZCP1965L10	22	XZCPV1670L2	15	XZCR2710037S2	25
XZCC8FCM40S	37	XZCP0766L2	19	XZCP2540L2	20	XZCPV1670L5	15	XZCR2711037T1	25
XZCC8FCM40V	37	XZCP0766L5	19	XZCP2540L5	20	XZCPV1670L10	15	XZCR2711037T2	25
XZCC8FDM30S	36	XZCP0766L10	19	XZCP2540L10	20	XZCPV1865L2	15	XZCR2712037T1	25
XZCC8FDM30V	36	XZCP0866L2	19	XZCP2737L1	19	XZCPV1865L5	15	XZCR2712037T2	25
XZCC8FDM40S	37	XZCP0866L5	19	XZCP2737L2	19	XZCPV1865L10	15	XZCRA150941J2	34
XZCC8FDM40V	37	XZCP0866L10	19	XZCP2737L05	19	XZCPV1965L2	15	XZCRA150941J5	34
XZCC8MDM30V	37	XZCP0941L2	19	XZCPA0566L5	32	XZCPV1965L5	15	XZCRA151140A2	34
XZCC12FCM40B	38	XZCP0941L5	19	XZCPA0566L10	32	XZCPV1965L10	15	XZCRA151140A5	34
XZCC12FCM50B	39	XZCP0941L10	19	XZCPA0941L5	32	XZCPY1764L2	15	XZCRA151141C2	35
XZCC12FCP40B	38	XZCP1041L2	19	XZCPA0941L10	32	XZCPY1764L5	15	XZCRA151141C5	35
XZCC12FCP42B	38	XZCP1041L5	19	XZCPA1141L2	32	XZCPY1764L10	15	XZCRA151164D2	35
XZCC12FDB50R	39	XZCP1041L10	19	XZCPA1141L5	32	XZCPY4275L2	15	XZCRA151164D5	35
XZCC12FDM40B	38	XZCP1141L2	20	XZCPA1141L10	32	XZCPY4275L5	15	XZCRV1511040A1	16
XZCC12FDM40V	39	XZCP1141L5	20	XZCPA1164L2	32	XZCPY4275L10	15	XZCRV1511040A2	16
XZCC12FDM50B	39	XZCP1141L10	20	XZCPA1164L5	32	XZCR1501040G1	26	XZCRV1511041C1	17
XZCC12FDP40B	38	XZCP1141L15	20	XZCPA1164L10	32	XZCR1501040G2	26	XZCRV1511041C2	17
XZCC12MCM40B	40	XZCP1141L20	20	XZCPA1241L2	32	XZCR1502040G1	26	XZCRV1511041C5	17
XZCC12MCM50B	41	XZCP1164L2	21	XZCPA1241L5	32	XZCR1502040G2	26	XZCRV1512040A1	16
XZCC12MCP40B	40	XZCP1164L5	21	XZCPA1241L10	32	XZCR1509040H1	27	XZCRV1512040A2	16
XZCC12MCP42B	40	XZCP1164L10	21	XZCPA1865L5	33	XZCR1509040H2	27	XZCRV1512041C1	17
XZCC12MDB50R	41	XZCP1169L2	21	XZCPA1865L10	33	XZCR1509041J1	27	XZCRV1512041C2	17
XZCC12MDM40B	40	XZCP1169L5	21	XZCPA1965L5	33	XZCR1509041J2	27	XZCRV1512041C5	17
XZCC12MDM50B	41	XZCP1169L10	21	XZCPA1965L10	33	XZCR1510040H1	27	XZLG101	47
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XZCC18FCP40B	42	XZCP1241L5	20	XZCPV0566L5	12	XZCR1510041J1	27		
XZCC18FDP40B	42	XZCP1241L10	20	XZCPV0566L10	12	XZCR1510041J2	27		
XZCC20FCM30B	39	XZCP1241L15	20	XZCPV0666L2	12	XZCR1511040A1	28		
XZCC20FDM30B	39	XZCP1241L20	20	XZCPV0666L5	12	XZCR1511040A2	28		
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XZCC23MCM190S	45	XZCP1340L5	20	XZCPV0941L2	12	XZCR1511062B1	29		
XZCC23MDM190S	45	XZCP1340L10	20	XZCPV0941L5	12	XZCR1511062B2	29		
XZCC43FCP40B	43	XZCP1440L2	20	XZCPV0941L10	12	XZCR1511062F1	29		
XZCE03M125M	46	XZCP1440L5	20	XZCPV1041L2	13	XZCR1511062F2	29		
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