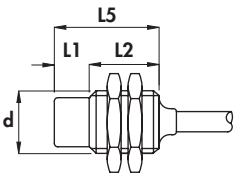
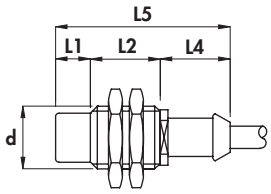
• NAMUR SERIES - diameters 14 - 16 - 18 mm
• Non amplified in d.c. 2 wires
• Cable output

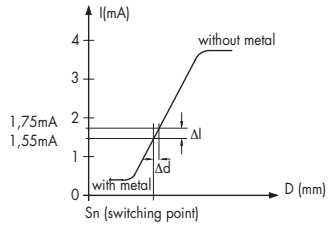
Housing B-1

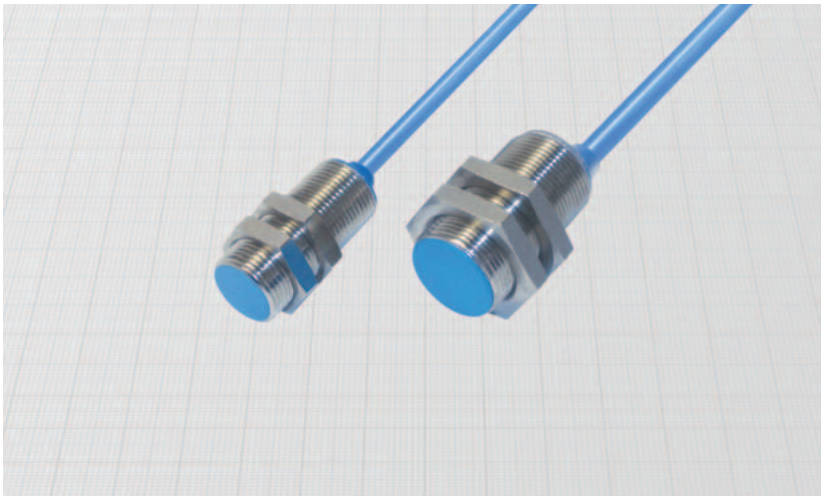


Housing F-1



Typical curve





Diameter		M14 x 1	M16 x 1	M18 x 1
Nut	Size	SW17	SW22	SW24
	Thickness mm	4	4	4
Max tightening torque Nm		20	25	35

Materials:

- Cable: 2 m PVC CEI 20 - 22 II; 90°C; 300 V; O.R.
- Housing: nickel plated brass
- Sensing face: plastic

Technical data:

- Working voltage: 5 ÷ 30 Vdc
- Supply voltage according to NAMUR: 7,7 ÷ 9 Vdc
- Max ripple: 10%
- Consumption at 8,2 V with Rx = 1000 Ω
  - with metal: ≤ 1 mA
  - without metal: ≥ 3 mA
- Temperature range: - 25° ÷ + 70°C
- Max thermal drift of sensing distance S_r: ± 10%
- Repeat accuracy (R): 2%
- Degree of protection: IP67
- Cable conductor cross section: 0,35 mm² on 14 ÷ 16 mm; 0,50 mm² on 18 mm
- According to EN60947-5-6
- Electromagnetic compatibility (EMC) according to EN60947-5-2 CE
- Shock and vibration resistance according to EN60068-2-27 EN60068-2-6
- For certified ATEX version see ATEX Catalogue

Housing	Flush mounting	Non flush mounting	L1	L2	L3	L4	L5	Cable diameter	Body diameter (d)	Max switching frequency (f)	Nominal sensing distance (S_n) ± 10%	ORDERING REFERENCES
			mm	mm	mm	mm	mm	mm	mm	KHz	mm	
B-1	•		-	30	-	-	30	4	M14 x 1	2	3	**DC14/4700**
B-1		•	10	30	-	-	40	4	M14 x 1	1	5	**DC14/5700**
B-1	•		-	30	-	-	30	4	M16 x 1	2	4	**DC16/4700**
B-1		•	10	30	-	-	40	4	M16 x 1	1	5,5	**DC16/5700**
B-1	•		-	30	-	-	30	6	M18 x 1	1	5	**DC18/4600**
F-1	•		-	30	-	20	50	6	M18 x 1	1	5	**DC18/4700**
B-1		•	10	20	-	-	30	6	M18 x 1	0,5	8	**DC18/5600**
F-1		•	10	20	-	20	50	6	M18 x 1	0,5	8	**DC18/5700**

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