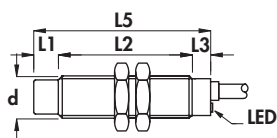


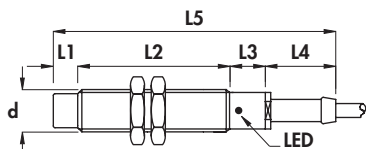


AMPLIFIED IN d.c. 3 wires - diameters 12 mm •
ATEX certified II 3GD for zone 2;22 •
Cable output •

Housing B-3



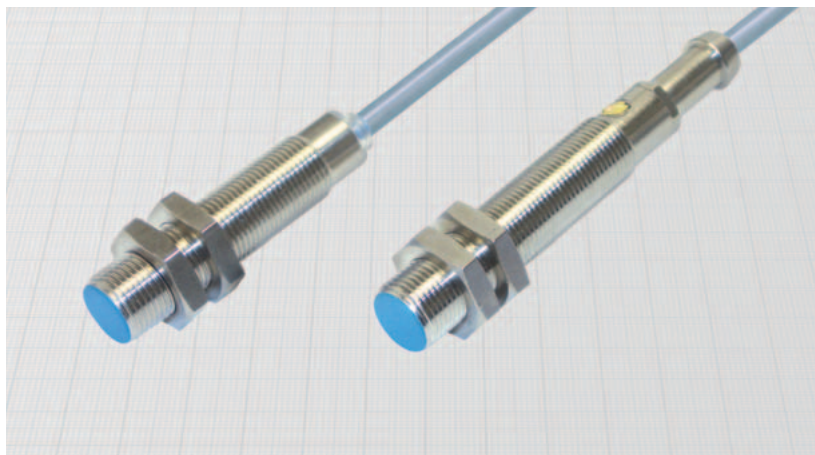
Housing D



Diameter	M12 x 1	
Nut	Size	SW17
	Thickness mm	4
Max tightening torque Nm	15	

Materials:


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






Technical data:

- Supply voltage (U_B): 5 ÷ 40 Vdc
- Max ripple: 10%
- No-load supply current (I_0): ≤ 10 mA
- Voltage drop (U_d): < 1,5 V
- Temperature range: -20° ÷ +60°C
- Max thermal drift of sensing distance S_T : ± 10%
- Repeat accuracy (R): 2%
- Switching hysteresis (H): 10%
- Degree of protection: IP67
- Switch status indicator: yellow LED
- Cable conductor cross section: 0,35 mm² on 3 wires versions
0,25 mm² on 4 wires versions

- Marking:  II 3D IP67 T80°C X
II 3G EEx nA IIC T6 X

- Protected against short-circuit and overload
- Protected against any wrong connection
- Suppression of initial false impulse
- Electromagnetic compatibility (EMC) according to EN60947-5-2 
- According to: EN50014/EN60079-15/EN50281-1-1
- Shock and vibration resistance according to EN60068-2-27 EN60068-2-6

Housing	Flush mounting Non flush mounting	L1	L2	L3	L4	L5	Cable diameter	Body diameter (d)	Nominal sensing distance (S_n) ± 10%	Max switching frequency (f)	Rated operational current (I_e)	ORDERING REFERENCES		
		mm	mm	mm	mm	mm	mm	mm	mm	KHz	mA	PNP (positive switching)		
B-3	•	-	43	7	-	50	4	M12 x 1	2	2	100			
D	•	-	50	10	20	80	4	M12 x 1	2	2	100	DCA12/4609KS3GD	DCA12/4619KS3GD	DCA12/4629KS3GD
B-3	•	7	36	7	-	50	4	M12 x 1	4	1,5	100	DCA12/4709KS3GD	DCA12/4719KS3GD	DCA12/4729KS3GD
D	•	7	43	10	20	80	4	M12 x 1	4	1,5	100	DCA12/5609KS3GD	DCA12/5619KS3GD	DCA12/5629KS3GD
												DCA12/5709KS3GD	DCA12/5719KS3GD	DCA12/5729KS3GD
												NPN (negative switching)		
												Use the above mentioned part number changing the last number 9 with 8 (ie DCA12/4608KS3GD)		
												