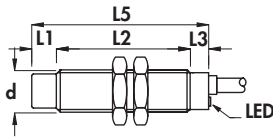
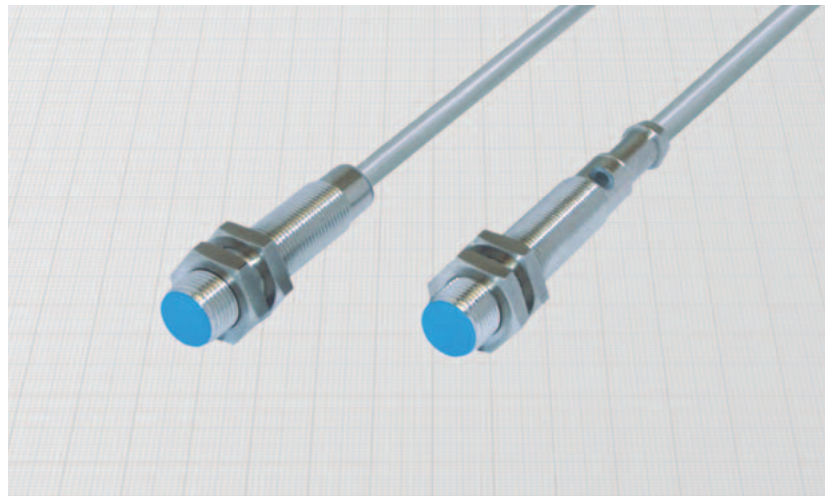
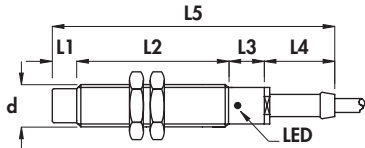


Diameters 12 mm •
Amplified in d.c. 3 and 4 wires •
Cable output •

Housing B-3



Housing D



Diameter		M12 x 1	M14 x 1	M16 x 1
Nut	Size	SW17	SW17	SW22
	Thickness mm	4	4	4
Max tightening torque Nm		15	20	25

Materials:

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

Technical data:

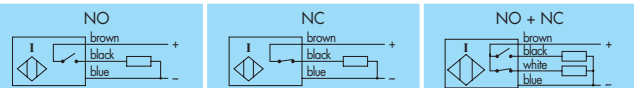
- Supply voltage (U_B): 5 ÷ 40 Vdc
- Max ripple: 10%
- No-load supply current (I_0): ≤ 10 mA
- Voltage drop (U_d): ≤ 1,5 V
- Temperature range: -25° ÷ +75°C
- Max thermal drift of sensing distance S_r : ± 10%
- Repeat accuracy (R): 2%
- Switching hysteresis (H): 10%
- Degree of protection: IP67
- Switch status indicator: yellow LED
- Cable conductor cross section: 0,35 mm² on 3 wires
0,25 mm² on 4 wires

- Protected against short-circuit and overload
- Protected against any wrong connection
- Suppression of initial false impulse
- Electromagnetic compatibility (EMC) according to EN60947-5-2
- 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)	Max switching frequency (f)	Rated operational current (I _e)	Nominal sensing distance (S _n) ± 10%	ORDERING REFERENCES		
												mm	mm	mm
B-3	•	-	43	7	-	50	4	M12 x 1	2	200	2	DCA12/4609KS	DCA12/4619KS	DCA12/4629KS
D	•	-	50	10	20	80	4	M12 x 1	2	200	2	DCA12/4709KS	DCA12/4719KS	DCA12/4729KS
B-3	•	7	36	7	-	50	4	M12 x 1	1,5	200	4	DCA12/5609KS	DCA12/5619KS	DCA12/5629KS
D	•	7	43	10	20	80	4	M12 x 1	1,5	200	4	DCA12/5709KS	DCA12/5719KS	DCA12/5729KS

ORDERING REFERENCES

PNP (positive switching)



NPN (negative switching)

Use the above mentioned part number changing the last number 9 with 8 (ie DCA12/4608KS)

