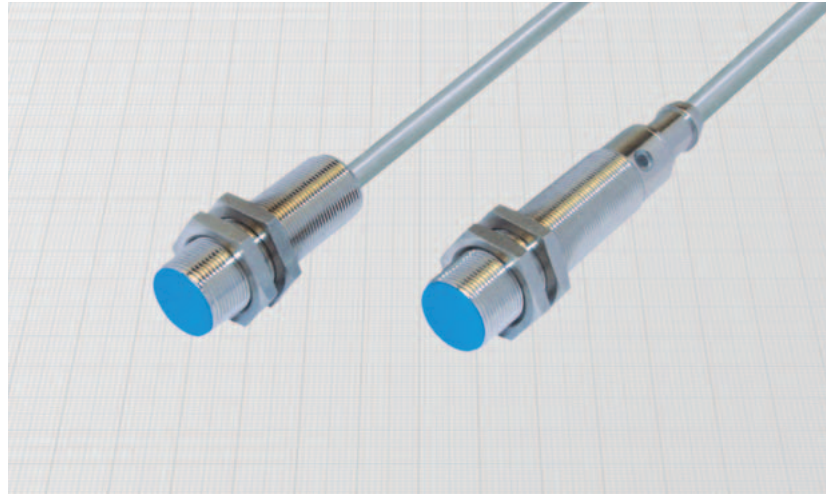
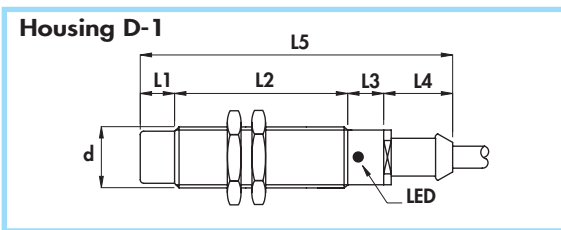
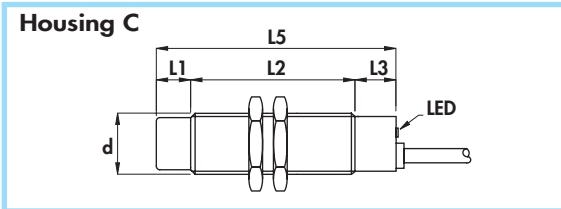
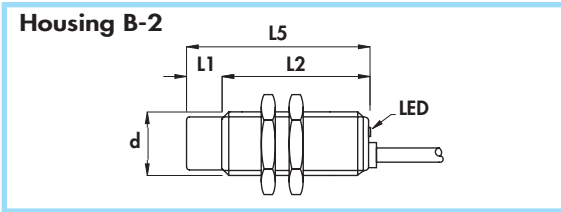


CYLINDRICAL INDUCTIVE SENSORS IN METAL HOUSING

- Diameters 18 mm
- Amplified in d.c. 3 and 4 wires
- Cable output



Diameter	M18 x 1	
Nut	Size	SW24
	Thickness mm	4
Max tightening torque Nm	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:

- Supply voltage (U_B): 5 ÷ 60 V
- Max ripple: 10%
- No-load supply current (I_0): ≤ 10 mA
- Voltage drop (U_d): ≤ 2,2 V
- Temperature range: - 25° ÷ + 75°C
- Max thermal drift of sensing distance S_s : ± 10%
- Repeat accuracy (R): 2%
- Switching hysteresis (H): 10%
- Degree of protection: IP67
- Switch status indicator: yellow LED
- Cable conductor cross section: 0,50 mm²
- 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)	No-load supply current (I ₀)	Nominal sensing distance (S _n) ± 10%	ORDERING REFERENCES		
												PNP (positive switching)		
												NO	NC	NO + NC
B-2	•	-	50	-	-	50	5	M18 x 1	1	400	5	DCA18/4A09KS	DCA18/4A19KS	DCA18/4A29KS
B-2	•	10	40	-	-	50	5	M18 x 1	1	400	8	DCA18/5A09KS	DCA18/5A19KS	DCA18/5A29KS
C	•	-	58	12	-	70	5	M18 x 1	1	400	5	DCA18/4609KS	DCA18/4619KS	DCA18/4629KS
D-1	•	-	60	12	20	92	6	M18 x 1	1	400	5	DCA18/4709KS	DCA18/4719KS	DCA18/4729KS
C	•	10	48	12	-	70	5	M18 x 1	1	400	8	DCA18/5609KS	DCA18/5619KS	DCA18/5629KS
D-1	•	10	50	12	20	92	6	M18 x 1	1	400	8	DCA18/5709KS	DCA18/5719KS	DCA18/5729KS

NPN (negative switching)

Use the above mentioned part number changing the last number 9 with 8 (ie DCA18/4A08KS)

