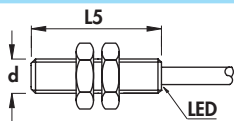
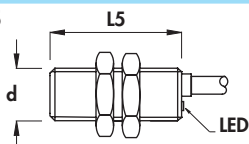


SHORT SERIES • Amplified in d.c. 3 wires • Cable output •

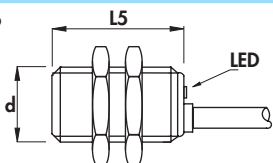
Housing B-14



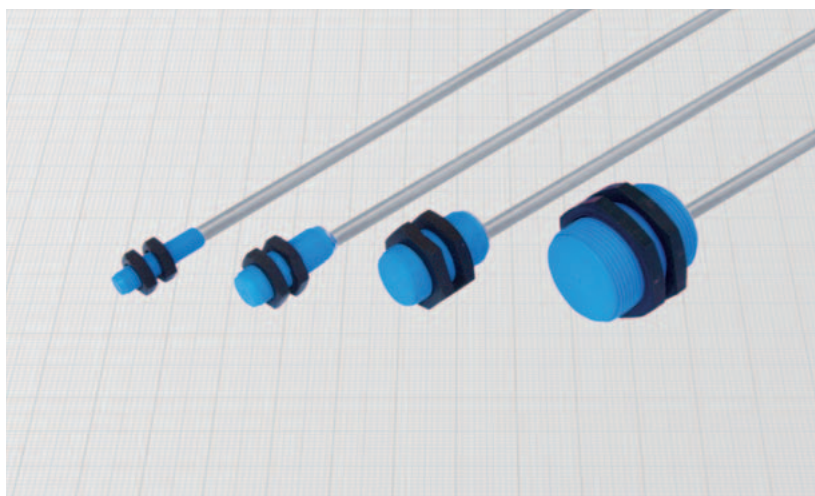
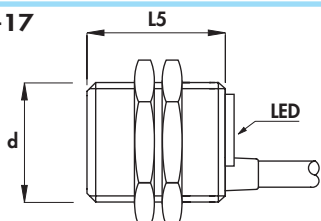
Housing B-15



Housing B-16



Housing B-17



Diameter	M8 x 1	M12 x 1	M18 x 1	M30 x 1,5	
Nut	Size	SW13	SW17	SW24	SW36
	Thickness mm	4	4	4	5
Max tightening torque Nm	1	1	5	20	

Materials:

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

Technical data:

- Supply voltage (U_B): see ordering references
- Max ripple: 10%
- No-load supply current (I_0): ≤ 10 mA
- Voltage drop (U_d): $\leq 1,5$ V
- Temperature range: $-25^\circ \div +70^\circ$ C
- Max thermal drift of sensing distance S_r : $\pm 10\%$
- Repeat accuracy (R): 2%
- Switching hysteresis (H): 10%
- Degree of protection: IP67
- Switch status indicator: yellow LED
- Cable conductor cross section: 0,22 mm² on 8 mm
0,35 mm² on 12 mm
0,50 mm² on 18 and 30 mm

- 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)	Supply di alimentazione (U_B)	Max switching frequency (f)	Rated operational current (I_e)	Nominal sensing distance (S_n) $\pm 10\%$	ORDERING REFERENCES	
													PNP (positive switching)	
		mm	mm	mm	mm	mm	mm	mm	V (min - max)	KHz	mA	mm		
B-14	•	-	-	-	-	30	3,5	M8 x 1	7 ÷ 30	4	200	1,5	DSA8P/4609KS	DSA8P/4619KS
B-14	•	-	-	-	-	30	3,5	M8 x 1	7 ÷ 30	3	200	2,5	DSA8P/5609KS	DSA8P/5619KS
B-15	•	-	-	-	-	30	4	M12 x 1	7 ÷ 30	2	200	2	DSA12P/4609KS	DSA12P/4619KS
B-15	•	-	-	-	-	30	4	M12 x 1	7 ÷ 30	1,5	200	4	DSA12P/5609KS	DSA12P/5619KS
B-16	•	-	-	-	-	30	5	M18 x 1	5 ÷ 40	0,8	200	5	DSA18P/4609KS	DSA18P/4619KS
B-16	•	-	-	-	-	30	5	M18 x 1	5 ÷ 40	0,6	200	8	DSA18P/5609KS	DSA18P/5619KS
B-17	•	-	-	-	-	35	6	M30 x 1,5	7 ÷ 40	0,8	200	10	DSA30P/4609KS	DSA30P/4619KS
B-17	•	-	-	-	-	35	6	M30 x 1,5	7 ÷ 40	0,4	200	15	DSA30P/5609KS	DSA30P/5619KS
													NPN (negative switching)	
Use the above mentioned part number changing the last number 9 with 8 (ie. DSA8P/4608KS)														
		mm	mm	mm	mm	mm	mm	mm	V (min - max)	KHz	mA	mm		