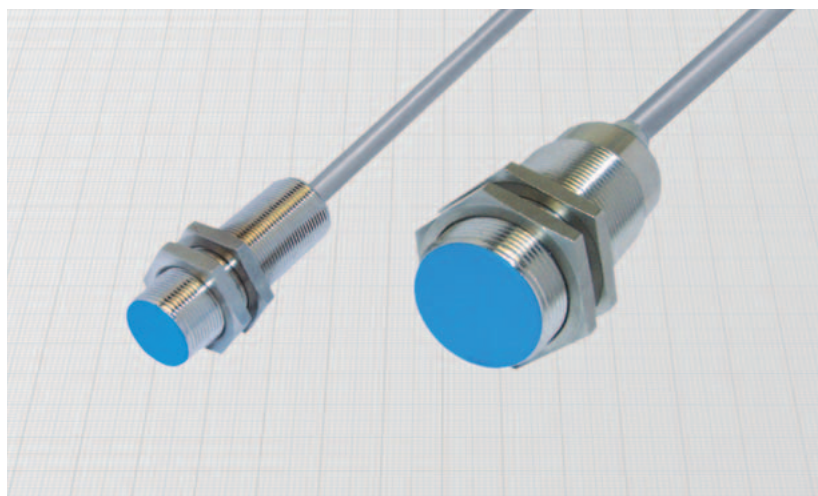
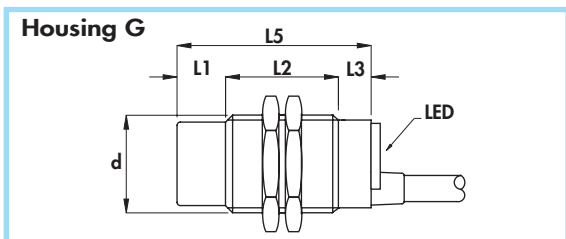
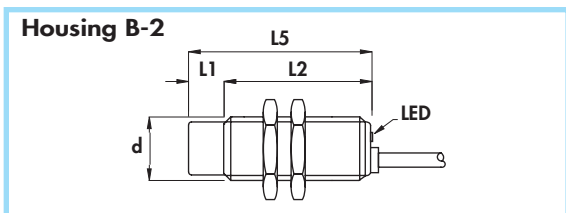


CYLINDRICAL INDUCTIVE SENSORS IN METAL HOUSING

- Extended sensing distance - diameters 18 - 30 mm
- Amplified in d.c. 3 wires
- Cable output



Diameter		M18 x 1	M30 x 1,5
Nut	Size	SW24	SW36
	Thkns mm	4	5
Max tightening torque Nm		35	80

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): see ordering references
- Max ripple: 10%
- No-load supply current (I_0): ≤ 10 mA
- Voltage drop (U_d): $\leq 1,5$ V
- Temperature range: $-20^\circ \div +70^\circ\text{C}$
- Max thermal drift of sensing distance S_s : $\pm 10\%$
- Repeat accuracy (R): 4%
- 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)	Supply voltage (U_B)	Max switching frequency (f)	Rated operational current (I_e)	Nominal sensing distance (S_n) $\pm 10\%$	ORDERING REFERENCES	
													PNP (positive switching)	
B - 2	•	-	50	-	-	50	5	M18 x 1	7÷40	300	200	8		
B - 2	•	-	50	-	-	50	5	M18 x 1	7÷40	300	200	10	DCAE18/4A09KS	DCAE18/4A19KS
B - 2	•	10	40	-	-	50	5	M18 x 1	7÷40	200	200	12	DCE18/4A09KS	DCE18/4A19KS
B - 2	•	10	40	-	-	50	5	M18 x 1	7÷40	200	200	14	DCAE18/5A09KS	DCAE18/5A19KS
B - 2	•	10	40	-	-	50	5	M18 x 1	7÷40	200	200	14	DCE18/5A09KS	DCE18/5A19KS
G	•	-	50	10	-	60	6	M30 x 1,5	7÷40	100	200	15	DCAE30/4609KS	DCAE30/4619KS
G	•	-	50	10	-	60	6	M30 x 1,5	7÷40	100	200	20	DCE30/4609KS	DCE30/4619KS
G	•	15	35	10	-	60	6	M30 x 1,5	7÷40	100	200	20	DCAE30/5609KS	DCAE30/5619KS
G	•	15	35	10	-	60	6	M30 x 1,5	7÷40	100	200	28	DCE30/5609KS	DCE30/5619KS

(*) Note: See mounting precautions (pag. 22)

NPN (negative switching)

Use the above mentioned part number changing the last number 9 with 8 (ie. DCE8/4608KS)

