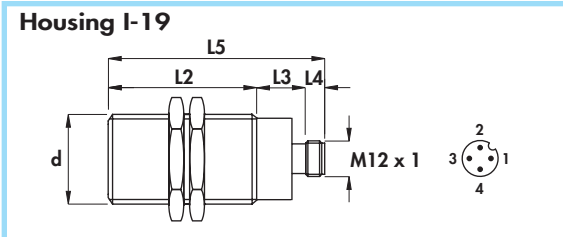
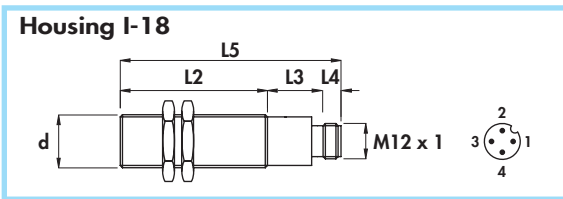
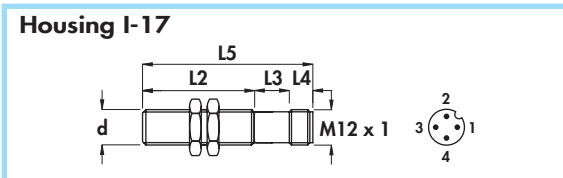
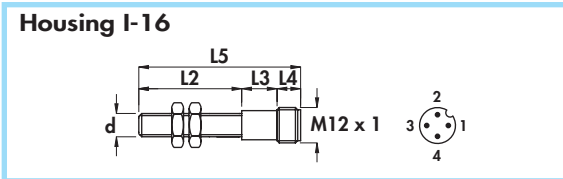


CYLINDRICAL INDUCTIVE SENSORS IN METAL HOUSING

- For high temperatures (-25° ÷ + 120°C)
- Amplified in d.c. 3 and 4 wires
- Connector output M12 x 1



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	10	15	35	80	

Materials:

- Housing 8 mm: stainless steel
- Housing 12 ÷ 30 mm: nickel plated brass
- Sensing face: plastic

Technical data:

- Supply voltage (U_b): 10 ÷ 30 Vdc
- Max ripple: 10%
- No-load supply current (I_o): ≤ 10 mA
- Voltage drop (U_d): see ordering references
- Temperature range: -25° ÷ +120° C
- Max thermal drift of sensing distance S_T : ± 10%
- Repeat accuracy (R): 2%
- Switching hysteresis (H): 10%
- Degree of protection: IP67
- 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	L2	L3	L4	L5	Female connector (see pag. H-1)	Body diameter (d)	Voltage drop (U_d)	Max switching frequency (f)	Rated operational current (I_o)	Nominal sensing dist. (S_T) ± 10%	ORDERING REFERENCES		
												PNP (positive switching)		
		mm	mm	mm	mm	n°	mm	V	KHz	mA	mm	NO	NC	NO + NC
I-11	•	40	12	8	60	8B-10...T	M8 x 1	1,5	4	150	1,5			-
I-7	•	43	15	8	66	8B-10...T	M12 x 1	1,5	2	150	2			DCA12/4329KT
I-12	•	50	19	8	77	8B-10...T	M18 x 1	2,2	1	250	5			DCA18/4329KT
I-2	•	65	17	8	90	8B-10...T	M30 x 1,5	2,2	0,8	250	10			DCA30/4329KT
I-2	•	50	19	8	77	8B-10...T	M45 x 1,5	2,2	0,15	250	20			DCA45/4329KT

NPN (negative switching)

Use the above mentioned part number changing the last number 9 with 8 (ie. DCA8/4308KT)

