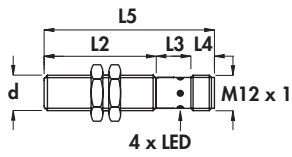
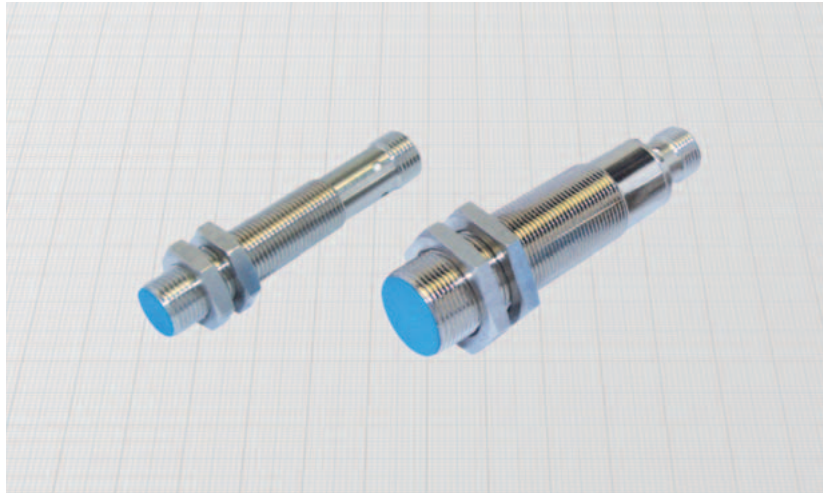
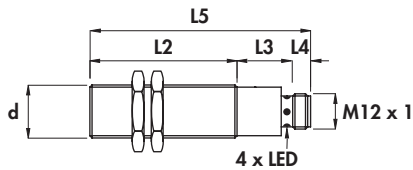


- Amplified in d.c. 3 and 4 wires
- Detection of ferromagnetic targets
- Connector output M12 x 1

Housing I-14



Housing I-13



Diameter	M12 x 1	M18 x 1
Nut	Size	SW17
	Thickness mm	4
Max tightening torque Nm	15	35

Materials:

- Housing: nickel plated brass
- Sensing face: plastic

General Features:

These sensors are able to detect only ferromagnetic objects. They are mainly used as selective sensors on working plants for aluminium, brass, copper, where bits of metal would create unavoids signals using standard inductive sensors.

Technical data:

- Supply voltage (U_B): 10 ÷ 30 Vdc
- Max ripple: 10%
- No-load supply current (I_0): ≤ 20 mA
- Voltage drop (U_d): ≤ 1,5 V
- Temperature range: - 20° ÷ + 70°C
- Max thermal drift of sensing distance S_r : ± 10%
- Repeat accuracy (R): 2%
- Switching hysteresis max (H): 10%
- Degree of protection: IP67
- Switch status indicator: yellow LED
- 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	Female connector	Body diameter (d)	Max switching frequency (f)	Rated operational current (I_e)	Nominal sensing distance (S_n) ± 10% with Fe37	ORDERING REFERENCES		
												PNP (positive switching)		
I-14	•	-	43	15	8	66	6-8B-10	M12 x 1	1	200	3			
I-13	•	-	50	19	8	77	6-8B-10	M18 x 1	1	200	3			
												NPN (negative switching)		
												Use the above mentioned part number changing the last number 9 with 8 (ie. DCH12/4308KS)		