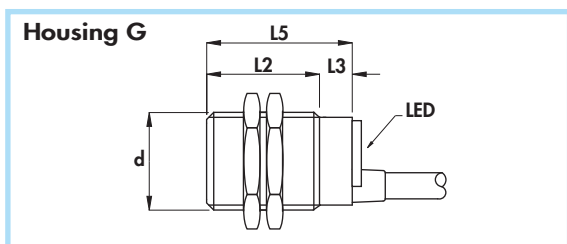
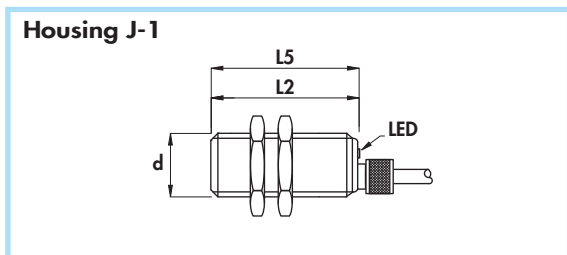


CYLINDRICAL INDUCTIVE ATEX SENSORS IN METAL HOUSING

- **AMPLIFIED IN d.c. 3-wire**
- **ATEX certified II 1GD for zone 0;20**
- **Associated apparatus not required - Cable output**



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

Materials:

- Cable: 2 m PVC; 90°C; 300 V; O.R.
- Housing: nickel plated brass
- Sensing face: plastic

Technical data:

- Supply voltage (U_B): 7 ÷ 30 Vdc
- Max ripple: 10%
- No-load supply current (I_0): ≤ 10 mA
- Voltage drop (U_d): < 1,5 V
- Temperature range: -20° ÷ +60°C
- Max storage temperature: +85°C
- Max thermal drift of sensing distance S_r : ± 10%
- Repeat accuracy (R): 4%
- Switching hysteresis max (H): 10%
- Degree of protection: IP67 for diameter 30 mm
IP68 for diameter 18 mm

- Switch status indicator: yellow LED
- Cable conductor cross section: 0,50 mm²
- Marking: II 1D Ex maD 20 T80°C
II 1G Ex ma II T6

- Certified IMQ 08 ATEX 002 X
- Protected against short-circuit and overload
- Protected against any wrong connection
- Suppression of initial false impulse
- Electromagnetic compatibility (EMC) according to EN60947-5-2
- According to: EN60079-0/EN60079-18/EN60079-26
- Shock and vibration resistance according to EN60068-2-27/EN60068-2-6

Use in hazardous area according to instruction manuals

Housing	Flush mounting Non flush mounting	L2	L3	L4	L5	Cable diameter	Body diameter (d)	Max switching frequency (f)	Rated operational current (I_0)	Nominal sensing distance (S_n) ± 10%	ORDERING REFERENCES	
											PNP (positive switching)	
J-1	•	50	-	-	50	5	M18 x 1	0,3	400	5		
G	•	50	10	-	60	6	M30x1,5	0,1	400	10	DCA18/4A09KSJMA	DCA18/4A19KSJMA
											DCA30/4609KSMA	DCA30/4619KSMA
NPN (negative switching)												
Use the above part number changing the last 9 with 8 (ie DCA18/4A08KSJMA)												