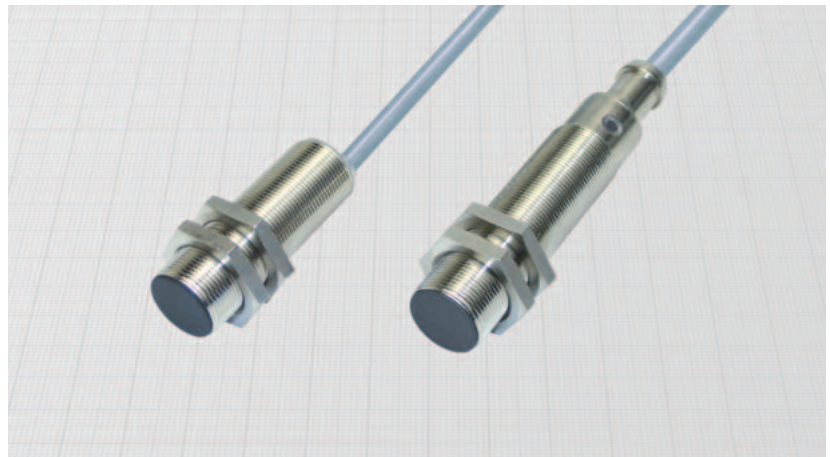
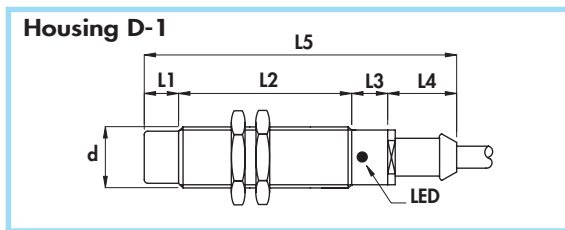
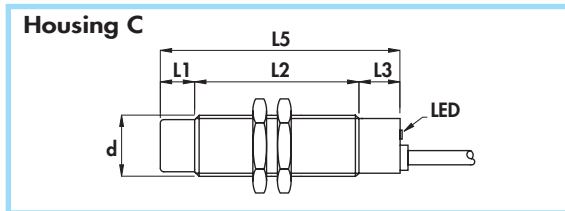
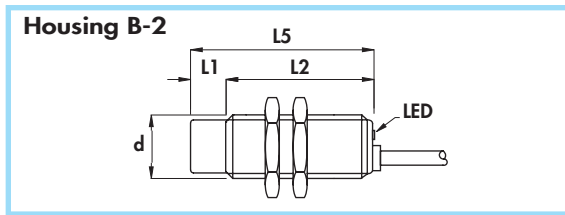


CYLINDRICAL INDUCTIVE ATEX SENSORS IN METAL HOUSING

- **AMPLIFIED IN d.c. 3 wires - diameters 18 mm**
- **ATEX certified II 3GD for zone 2;22**
- Cable output



Diameter	M18 x 1	
Nut	Size	SW24
	Thickness mm	4
Max tightening torque Nm	35	

Materials:

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

Technical data:

- Supply voltage (U_B): 5 ÷ 60 Vdc
- Max ripple: 10%
- No-load supply current (I_0): ≤ 10 mA
- Voltage drop (U_d): < 2,2 V
- Temperature range: - 20° ÷ + 60°C
- Max thermal drift of sensing distance S_p : ± 10%
- Repeat accuracy (R): 2%
- Switching hysteresis (H): 10%
- Degree of protection: IP67
- Switch status indicator: yellow LED
- Cable conductor cross section: 0,50 mm² on 3 wires versions
0,35 mm² on 4 wires versions

- Marking: II 3D IP67 T80°C X
II 3G EEx nA IIC T6 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: EN50014/EN60079-15/EN50281-1-1
- 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	L1	L2	L3	L4	L5	Cable diameter	Body diameter (d)	Nominal sensing distance (S_n) ±10%	Max switching frequency (f)	Rated operational current (I_e)	ORDERING REFERENCES		
												mm	mm	mm
B - 2	•	-	50	-	-	50	5	M18 x 1	5	1	200	PNP (positive switching)		
B - 2	•	10	40	-	-	50	5	M18 x 1	5	1	200			
C	•	-	58	12	-	70	5	M18 x 1	5	1	200	DCA18/4A09KS3GD	DCA18/4A19KS3GD	DCA18/4A29KS3GD
D - 1	•	-	60	12	20	92	6	M18 x 1	5	1	200	DCA18/5A09KS3GD	DCA18/5A19KS3GD	DCA18/5A29KS3GD
C	•	10	48	12	-	70	5	M18 x 1	5	1	200	DCA18/4609KS3GD	DCA18/4619KS3GD	DCA18/4629KS3GD
D - 1	•	10	50	12	20	92	6	M18 x 1	5	1	200	DCA18/4709KS3GD	DCA18/4719KS3GD	DCA18/4729KS3GD
												DCA18/5609KS3GD	DCA18/5619KS3GD	DCA18/5629KS3GD
												DCA18/5709KS3GD	DCA18/5719KS3GD	DCA18/5729KS3GD

NPN (negative switching)
Use the above mentioned part number changing the last number 9 with 8 (ie DCA18/4A08KS3GD)

