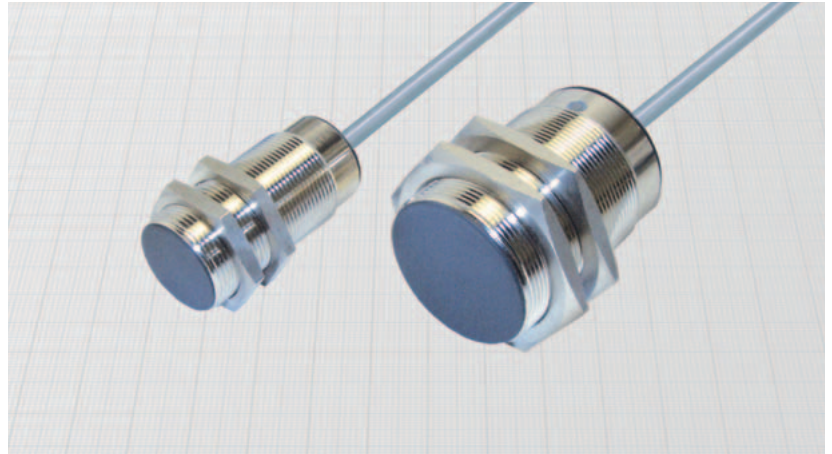
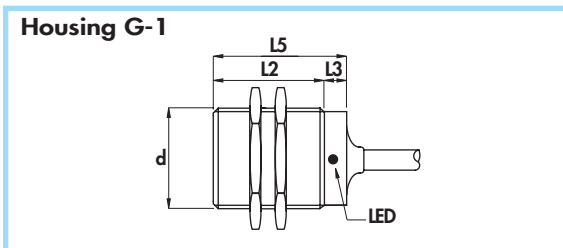
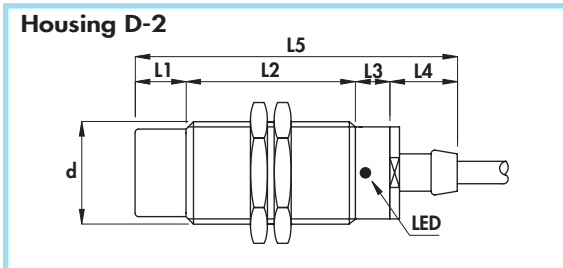
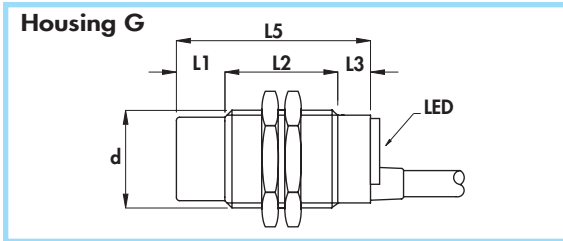




**AMPLIFIED IN d.c. 3 and 4 wires - diameters 30 - 45 mm •**  
**ATEX certified II 3GD for zone 2;22 •**  
**Cable output •**



Diameter	M30 x 1,5	M45 x 1,5
Nut	Size	SW36
	Thickness mm	5
Max tightening torque Nm	80	70

**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 ÷ 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  $S_r$ : ± 10%
- Repeat accuracy (R): 2%
- Switching hysteresis (H): 10%
- Degree of protection: IP67
- Switch status indicator: yellow LED
- Cable conductor cross section: 0,50 mm<sup>2</sup>
- 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	Mounting	L1	L2	L3	L4	L5	Cable diameter	Body diameter (d)	Nominal sensing distance ( $S_n$ ) ± 10%	Max switching frequency (f)	Rated operational current ( $I_o$ )	ORDERING REFERENCES		
												PNP (positive switching)		
		mm	mm	mm	mm	mm	mm	mm	mm	KHz	mA	NO brown black blue	NC brown black blue	NO + NC brown black white blue
G	•	-	50	10	-	60	6	M30 x 1,5	10	0,8	200	DCA30/4609KS3GD	DCA30/4619KS3GD	DCA30/4629KS3GD
D-2	•	-	65	10	20	95	6	M30 x 1,5	10	0,8	200	DCA30/4709KS3GD	DCA30/4719KS3GD	DCA30/4729KS3GD
G	•	15	35	10	-	90	6	M30 x 1,5	15	0,4	200	DCA30/5609KS3GD	DCA30/5619KS3GD	DCA30/5629KS3GD
D-2	•	15	50	10	20	95	6	M30 x 1,5	15	0,4	200	DCA30/5709KS3GD	DCA30/5719KS3GD	DCA30/5729KS3GD
G-1	•	10	50	10	-	60	6	M45 x 1,5	20	0,15	200	DCA45/4609KS3GD	DCA45/4619KS3GD	DCA45/4629KS3GD
												NPN (negative switching)		
												Use the above mentioned part number changing the last number 9 with 8 (ie. DCA30/4608KS3GD)		
												NO brown black blue	NC brown black blue	NO + NC brown black white blue