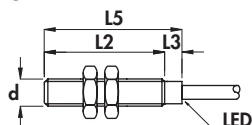
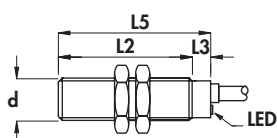


Diameters 8 - 12 - 18 mm •  
 Amplified in d.c. 3 and 4 wires •  
 Cable output •

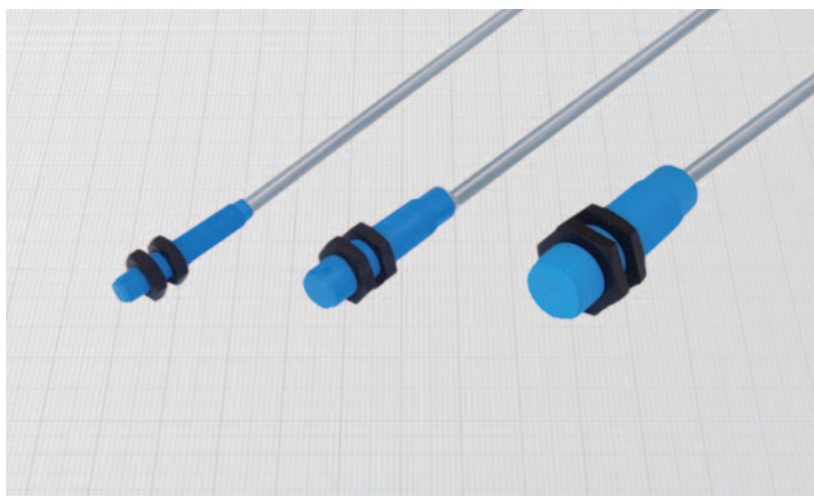
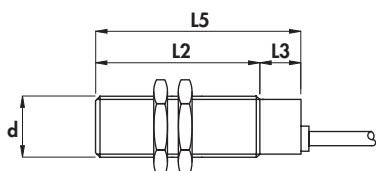
**Housing B-18**



**Housing B-19**



**Housing C-1**



Diameter	M8 x 1	M12 x 1	M18 x 1
Nut	Size	SW13	SW17
	Thickness mm	4	4
Max tightening torque Nm	1	1	5

**Materials:**

- Cable: 2 m PVC CEI 20 - 22 II; 90°C; 300 V; O.R.
- Housing: plastic
- Sensing face: plastic

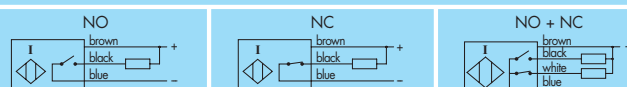
**Technical data:**

- Supply voltage ( $U_B$ ): see ordering references
- Max ripple: 10%
- No-load supply current ( $I_0$ ):  $\leq 10$  mA
- Voltage drop ( $U_d$ ): on 8 and 12 mm  $\leq 1,5$  V  
on 18 mm  $\leq 2,2$  V
- Temperature range:  $-25^\circ \div +70^\circ\text{C}$
- Max thermal drift of sensing distance  $S_T$ :  $\pm 10\%$
- Repeat accuracy (R): 2%
- Switching hysteresis (H): 10%
- Degree of protection: IP67
- Switch status indicator: yellow LED
- Cable conductor cross section: 0,22 mm<sup>2</sup> on 8 mm  
0,35 mm<sup>2</sup> on 12 mm  
0,50 mm<sup>2</sup> on 18 mm
- 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	Mounting Flush mounting Non flush mounting	L2	L3	L5	Cable diameter	Body diameter (d)	Supply di alimentazione ( $U_B$ )	Max switching frequency (f)	Rated operational current ( $I_0$ )	Nominal sensing distance ( $S_n \pm 10\%$ )	ORDERING REFERENCES		
											V (min-max)	KHz	mA
B-18	•	40	7	47	3,5	M8 x 1	7÷30	4	200	1,5	<b>DCA8P/4609KS</b>	<b>DCA8P/4619KS</b>	<b>DCA8P/4629KS</b>
B-18	•	40	7	47	3,5	M8 x 1	7÷30	3	200	2,5	<b>DCA8P/5609KS</b>	<b>DCA8P/5619KS</b>	<b>DCA8P/5629KS</b>
B-19	•	42	8	50	4	M12 x 1	5÷40	2	200	2	<b>DCA12P/4609KS</b>	<b>DCA12P/4619KS</b>	<b>DCA12P/4629KS</b>
B-19	•	42	8	50	4	M12 x 1	5÷40	1,5	200	4	<b>DCA12P/5609KS</b>	<b>DCA12P/5619KS</b>	<b>DCA12P/5629KS</b>
C-1	•	50	10	60	5	M18 x 1	5÷60	1	400	5	<b>DCA18P/4609KS</b>	<b>DCA18P/4619KS</b>	<b>DCA18P/4629KS</b>
C-1	•	50	10	60	5	M18 x 1	5÷60	1	400	8	<b>DCA18P/5609KS</b>	<b>DCA18P/5619KS</b>	<b>DCA18P/5629KS</b>

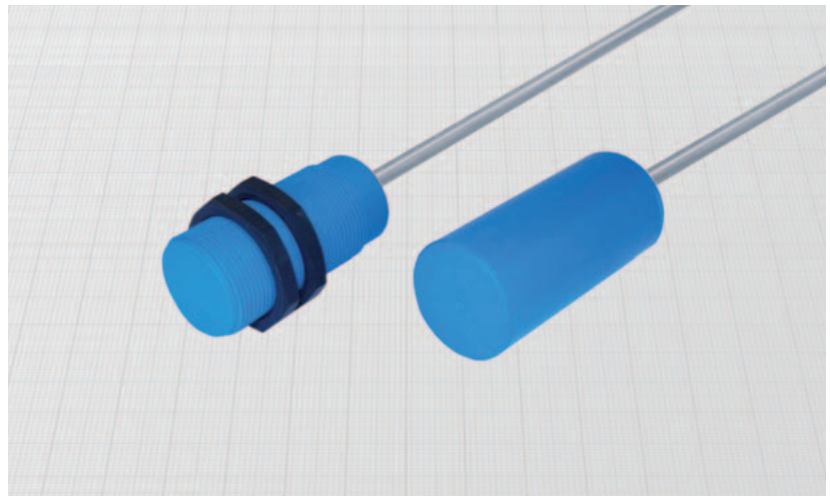
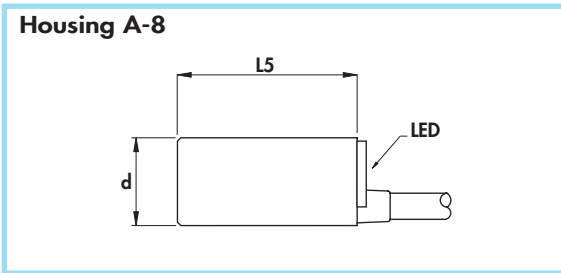
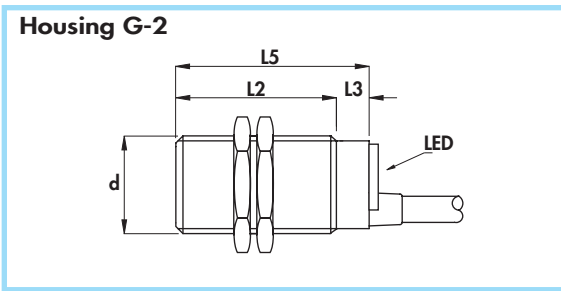
**NPN (negative switching)**

Use the above mentioned part number changing the last number 9 with 8 (ie. DCA8P/4608KS)



# CYLINDRICAL INDUCTIVE SENSORS IN PLASTIC HOUSING

- Amplified in d.c. 3 or 4 wires
- Diameters 30 - 34 mm
- Cable output



Diameter	M30 x 1,5	
Nut	Size	SW36
	Thickness mm	5
Max tightening torque Nm	20	

### Materials:

- Cable: 2 m PVC CEI 20 - 22 II; 90°C; 300 V; O.R.
- Housing: plastic
- 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: - 25° ÷ + 70°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>
- 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	L5	Cable diameter	Body diameter (d)	Max switching frequency (F)	Rated operational current ( $I_e$ )	Nominal sensing distance ( $S_n$ ) ± 10%	ORDERING REFERENCES		
										PNP (positive switching)		
G-2	•	50	10	60	6	M30 x 1,5	0,8	400	10			
G-2	•	50	10	60	6	M30 x 1,5	0,4	400	15	<b>DCA30P/4609KS</b> <b>DCA30P/5609KS</b>	<b>DCA30P/4619KS</b> <b>DCA30P/5619KS</b>	<b>DCA30P/4629KS</b> <b>DCA30P/5629KS</b>
A-8	•	-	-	70	6	34	0,2	400	20	<b>DCA34P/5609LKS</b>	<b>DCA34P/5619LKS</b>	<b>DCA34P/5629LKS</b>
										NPN (negative switching)		
										Use the above mentioned part number changing the last number 9 with 8 (ie. DCA30P/4608KS)		