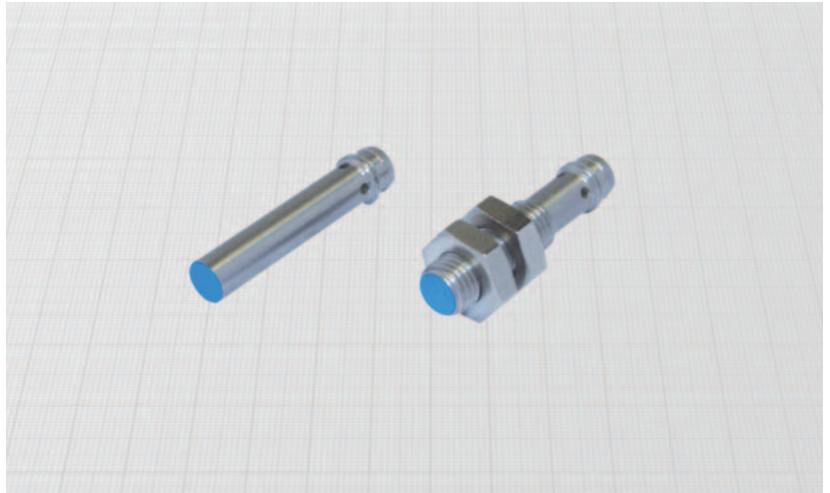
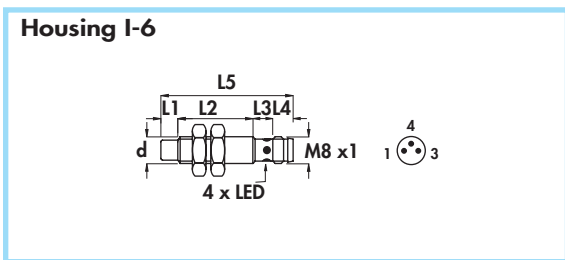
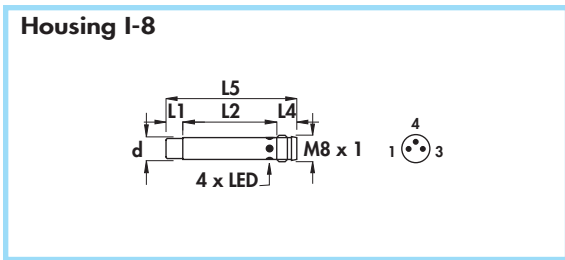


**SHORT SERIES - diameters 6,5 - 8 mm •  
Amplified in d.c. •  
Connector output M8 x 1 •**



Diameter	M8 x 1	
Nut	Size	SW13
	Thickness mm	4
Max tightening torque Nm	10	

**Materials:**

- Housing: stainless steel
- Sensing face: plastic

**Technical data:**

- Supply voltage ( $U_B$ ):  $7 \div 30$  Vdc
- Max ripple: 10%
- No-load supply current ( $I_0$ ):  $\leq 10$  mA
- Voltage drop ( $U_d$ ):  $\leq 1,5$  V
- Temperature range:  $-25^\circ \div +70^\circ\text{C}$
- Max thermal drift of sensing distance  $S_r$ :  $\pm 10\%$
- Repeat accuracy (R): 2%
- Switching hysteresis (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 <sub>e</sub> )	Nominal sensing distance (S <sub>n</sub> ) ± 10%	ORDERING REFERENCES	
												PNP (positive switching)	
												NO	NC
I-8	•	-	29,5	-	5,5	35	11 - 12	6,5	4	200	1,5		
I-8	•	5	24,5	-	5,5	35	11 - 12	6,5	3	200	2,5	<b>DSA6,5/4909LKS</b> <b>DSA6,5/5909LKS</b>	<b>DSA6,5/4919LKS</b> <b>DSA6,5/5919LKS</b>
I-6	•	-	21	8,5	5,5	35	11 - 12	M8 x 1	4	200	1,5		
I-6	•	5	16	8,5	5,5	35	11 - 12	M8 x 1	3	200	2,5	<b>DSA8/4909KS</b> <b>DSA8/5909KS</b>	<b>DSA8/4919KS</b> <b>DSA8/5919KS</b>
												NPN (negative switching)	
												Use the above mentioned part number changing the last number 9 with 8 (ie. DCA45/4E08KS)	