



## Capacitive Sensors

### Series 80 - PNP



Housing M 8 x 1

- Housing material: Stainless steel VA
- Sensing distance 0.1...2.5 mm adjustable with 270° potentiometer
- With flange connector M 8 x 1



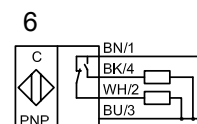
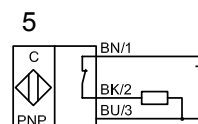
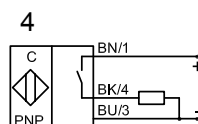
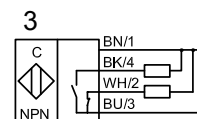
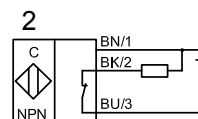
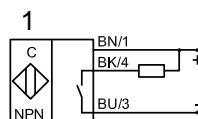
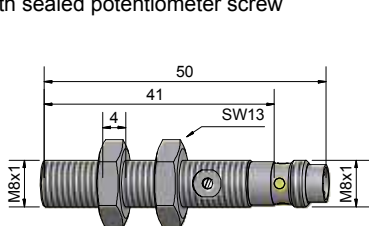
Certificate:

Technical data	Flush mountable
Operating distance $S_n$	1.5 mm
Operating distance min. / max. adjustable	0.1...2.5 mm
Electrical version	3 pin DC
Output function	Normally open
<b>Type NPN</b>	
<b>Art.-No.</b>	
Connection diagram No.	
<b>Type PNP</b>	
<b>KAS-80-A11-S-Y7</b>	
<b>Art.-No.</b>	
<b>KA 0736</b>	
Connection diagram No.	
4	
Operating voltage ( $U_B$ )	
10...35 V DC	
Output current max. ( $I_o$ )	
150 mA	
Voltage drop max. ( $U_d$ )	
≤ 2.0 V	
Permitted residual ripple max.	
10 %	
No-load current ( $I_o$ )	
Typ. 15 mA	
Frequency of operating cycles max.	
50 Hz	
Permitted ambient temperature	
-25...+70 °C	
LED-display	
Yellow	
Protective circuit	
Built-in	
Degree of protection IEC 60529	
IP 67*	
Norm	
EN 60947-5-2	
Connection	
Flange connector M 8 x 1	
Housing material	
VA No. 1.4305	
Active surface	
PTFE (FDA 21 CFR 177.1550)	
Lid	
-	

**Accessories** (is delivered with the sensor) 2 pieces nuts M 8

For matching connectors please see our selection of accessories.

\* With sealed potentiometer screw



Made in Germany

All specifications are subject to change without notice. (06/2014)