



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

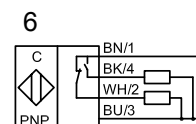
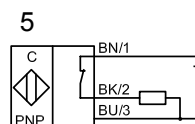
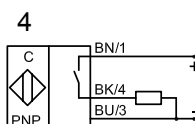
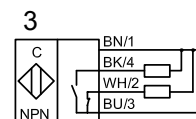
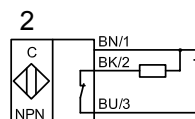
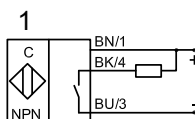
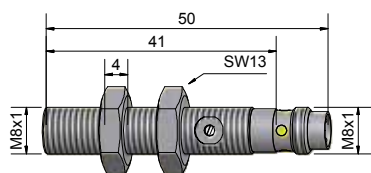
Operating distance S_n	1.5 mm
Operating distance min. / max. adjustable	0.1...2.5 mm
Electrical version	3 pin DC
Output function	Normally open
Type NPN	
Art.-No.	
Connection diagram No.	
Type PNP	
KAS-80-A11-S-Y7	
Art.-No.	
KA 0736	
Connection diagram No.	
4	
Operating voltage (U_B)	10...35 V DC
Output 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)