



## Capacitive Sensors Series 80 - PNP



- Housing Ø 50 mm
- Housing material: PA / PPO
- Sensing distance 1...50 mm adjustable
- With flange connector M 12 x 1

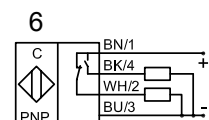
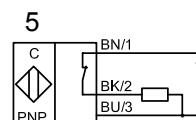
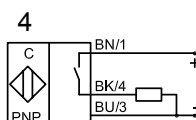
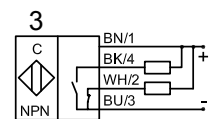
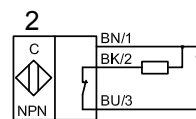
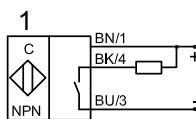
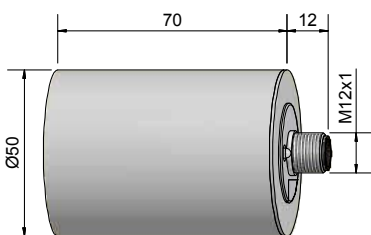
Certificate:



Technical data	Flush mountable
Operating distance $S_n$	30 mm
Operating distance min. / max. adjustable	1...50 mm
Electrical version	4-pin DC
Output function	Antivalent
<b>Type NPN</b>	
<b>Art.-No.</b>	
Connection diagram No.	
<b>Type PNP</b>	
<b>KAS-80-50-A-Y5</b>	
<b>Art.-No.</b>	
<b>825 510</b>	
Connection diagram No.	
6	
Operating voltage ( $U_b$ )	10...35 V DC
Output current max. ( $I_e$ )	2 x 250 mA
Voltage drop max. ( $U_d$ )	≤ 2.0 V
Permitted residual ripple max.	10 %
No-load current ( $I_0$ )	Typ. 15 mA
Frequency of operating cycles max.	100 Hz
Permitted ambient temperature	-25...+70 °C
LED-display	Green / yellow
Protective circuit	Built-in
Degree of protection IEC 60529	IP 67*
Norm	EN 60947-5-2
Connection	Flange connector M 12 x 1
Housing material	PA / PPO
Active surface	PA / PPO
Lid	PA / PPO
Media optimized	Yes

**Assessors** for mounting (is not delivered with the sensor) please see our selection of accessories.

\* With sealed potentiometer screw



**Made in Germany**

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