



## Capacitive Sensors

### Series 80 - PNP

Housing M 18 x 1

- Housing material: Brass
- Sensing distance 1...8 mm adjustable
- With flange connector M 12 x 1

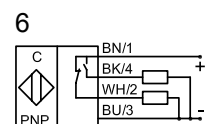
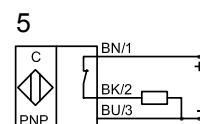
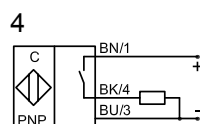
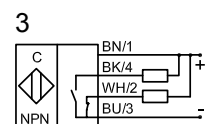
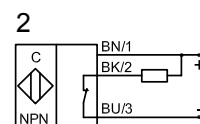
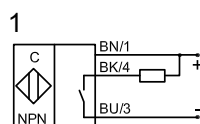
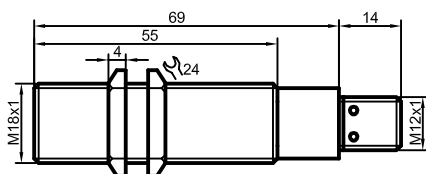


Certificate:



#### Technical data

Operating distance $S_n$	Flush mountable
Operating distance min. / max. adjustable	5 mm
Electrical version	1...8 mm
Output	4-pin DC
<b>Type NPN</b>	Antivalent (NO + NC)
<b>Art.-No.</b>	
Connection diagram No.	
<b>Type PNP</b>	<b>KAS-80-A13-A-Y5-NL</b>
<b>Art.-No.</b>	<b>KA 0667</b>
Connection diagram No.	6
Operating voltage ( $U_B$ )	12...30 V DC
Output current max. ( $I_o$ )	2 x 200 mA
Load current min.	-
Voltage drop max. ( $U_d$ )	≤ 2.0 V
Permitted residual ripple max.	5 %
No-load current ( $I_o$ )	< 15 mA
Frequency of operating cycles max.	200 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 12 x 1
Housing material	Brass
Active surface	PA / PPO
Lid	-



**Made in Germany**