



## Capacitive Sensors

### Series 80 - PNP

Housing M 18 x 1

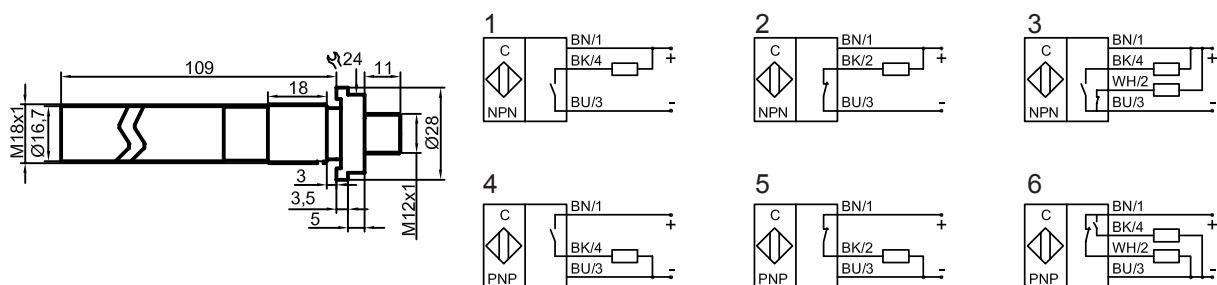
- Housing material: POM
- Sensing distance 2...10 mm adjustable
- With flange connector M 12 x 1

Certificate:



<b>Technical data</b>	Non-flush mountable
Operating distance $S_n$	6 mm
Operating distance min. / max. adjustable	2...10 mm
Electrical version	3-wire DC
Output	Normally open (NO)
<b>Type NPN</b>	
<b>Art.-No.</b>	
Connection diagram No.	
<b>Type PNP</b>	<b>KAS-80-M18/110-S-Y3</b>
<b>Art.-No.</b>	<b>833 738</b>
Connection diagram No.	4
Operating voltage ( $U_B$ )	12...30 V DC
Output current max. ( $I_o$ )	200 mA
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.	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 12 x 1
Housing material	POM
Active surface	POM
Lid	-

All specifications are subject to change without notice. (08.02.2010)



**Made in Germany**