



## Capacitive Sensors

### Series 80 - PNP

Housing M 30 x 1.5

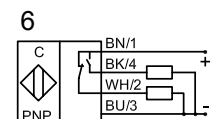
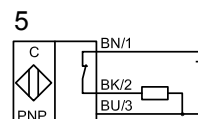
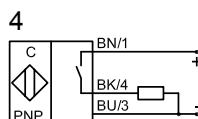
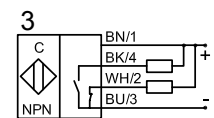
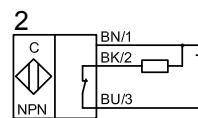
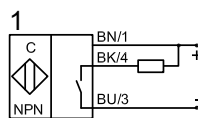
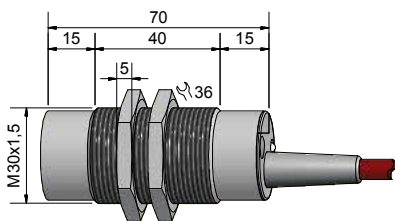
- Housing material: PA
- Sensing distance 2...25 mm adjustable
- Useable for an ambient temperature up to +120 °C

Certificate:



Technical data	Non-flush mountable
Operating distance $S_n$	15 mm
Operating distance min. / max. adjustable	2...25 mm
Electrical version	4-wire DC
Output	Antivalent
<b>Type NPN</b>	
<b>Art.-No.</b>	
Connection diagram No.	
<b>Type PNP</b>	
<b>KAS-80-A24-A-K-PA-NL-120°C</b>	
<b>Art.-No.</b>	
<b>KA 1240</b>	
Connection diagram No.	
6	
Operating voltage ( $U_b$ )	12...30 V DC
Output current max. ( $I_o$ )	2 x 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...+120 °C
LED-display	Yellow
Protective circuit	Built-in
Degree of protection IEC 60529	IP 67
Norm	EN 60947-5-2
Connection cable	2 m, Silicone, 4 x 0.5 mm <sup>2</sup>
Housing material	PA
Active surface	PA
Lid	PA / PPO

All specifications are subject to change without notice. (23.10.2013)



**Made in Germany**