



## Capacitive Sensors

### Series 80 - PNP

Housing M 22 x 1.5

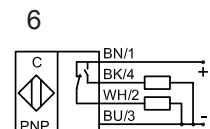
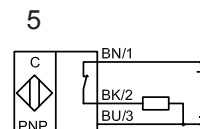
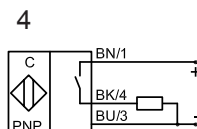
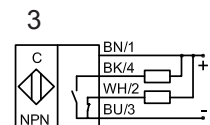
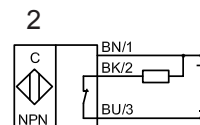
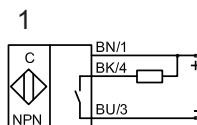
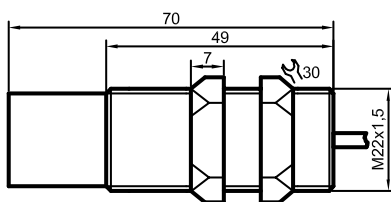
- Housing material: PA
- Sensing distance 0.5...20 mm adjustable

Certificate:



QuattroEtcProtect™

Technical data	Non-flush mountable
Operating distance $S_n$	12 mm
Operating distance min. / max. adjustable	0.5...20 mm
Electrical version	4-wire DC
Output function	Antivalent (NO + NC)
<b>Type NPN</b>	
<b>Art.-No.</b>	
Connection diagram No.	
<b>Type PNP</b>	
<b>KAS-80-23-A-M22-PA</b>	
<b>Art.-No.</b>	
<b>KA 0632</b>	
Connection diagram No.	
6	
Operating voltage ( $U_B$ )	10...35 V DC
Output current max. ( $I_o$ )	2 x 250 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	Green / yellow
Protective circuit	Built-in
Degree of protection IEC 529	IP 67
Norm	EN 60947-5-2
Connection cable	2 m, PVC, 4 x 0.34 mm <sup>2</sup>
Housing material	PA
Active surface	PA
Lid	PA / PPO
Media optimized	Yes



**Made in Germany**