



## Capacitive Sensors

### Series 80 - PNP

- Housing M 32 x 1.5
- Housing material Brass
- Sensing distance 1...40 mm adjustable
- With flange connector M 12 x 1



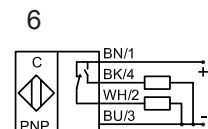
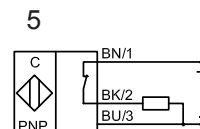
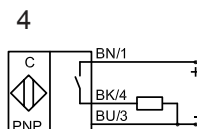
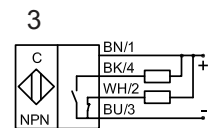
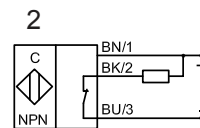
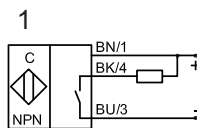
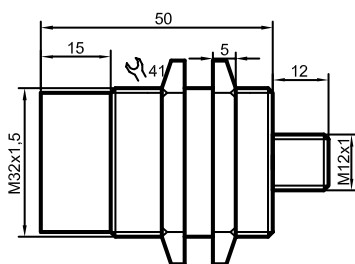
Certificate:



QuattroEtcProtect™

<b>Technical data</b>	Non-flush mountable
Operating distance $S_n$	25 mm
Operating distance min. / max. adjustable	1...40 mm
Electrical version	4-pin DC
Output function	Antivalent (NO + NC)
<b>Type NPN</b>	
<b>Art.-No.</b>	
Connection diagram No.	
<b>Type PNP</b>	
	<b>KAS-80-34/50-A-M32-PTFE/MS-Y5</b>
<b>Art.-No.</b>	<b>KA 0645</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 60529	IP 67
Norm	EN 60947-5-2
Connection	Flange connector M 12 x 1
Housing material	Brass
Active surface	PTFE (FDA 21 CFR 177.1550)
Lid	PA / PPO
Media optimized	Yes

All specifications are subject to change without notice. (08.03.2010)



**Made in Germany**