



## Capacitive Sensors

### Series 80 - PNP

Housing M 32 x 1.5

- Housing material: Stainless steel
- Sensing distance 1...40 mm adjustable
- II 3G EEx nA II T6 X, for use in zone 2
- II 3D IP67 T101° C X, for use in zone 22
- With flange connector M 12 x 1



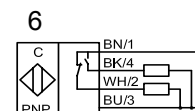
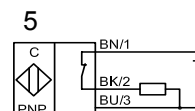
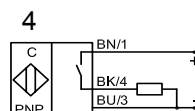
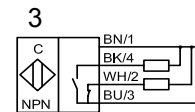
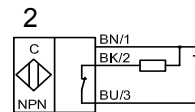
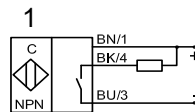
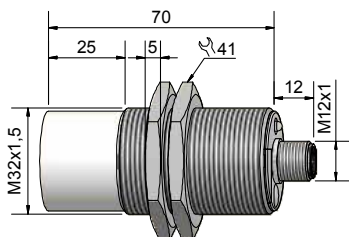
Certificate:



Technical data	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
<b>Type NPN</b>	
<b>Art.-No.</b>	
Connection diagram No.	
<b>Type PNP</b>	
<b>KAS-80-34-A-M32-PTFE/V2A-Y5-3G-3D</b>	
<b>Art.-No.</b>	
<b>KA 0849</b>	
Connection diagram No.	
6	
Operating voltage ( $U_B$ )	10...30 V DC
Output current max. ( $I_o$ )	2 x 200 mA
Voltage drop max. ( $U_o$ )	≤ 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	VA No. 1.4305
Active surface	PTFE (FDA 21 CFR 177.1550)
Lid	PA / PPO
Media optimized	Yes

**Accessories** (is delivered with the unit) 2 pieces nuts M 32, Protective clip  
 For matching connectors please see our selection of accessories.

\* With sealed potentiometer screw



Made in Germany

All specifications are subject to change without notice. (06/2014)