



## Capacitive Sensors Series 80 - PNP - StEx - ATEX

Housing M 32 x 1.5

- For use in areas with the risk of dust explosion, zone 20
- Housing material: PTFE
- Sensing distance 3...30 mm adjustable
- With flange connector M 12 x 1

DMT 01 ATEX E 157

IECEX BVS 07.0015

Ex II 1/2 D Ex ta/tb IIIC T101°C Da/Db

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Quattro<sup>Exc</sup>Protect™

### Technical data

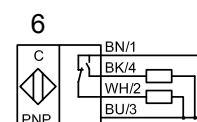
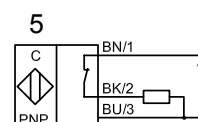
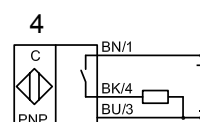
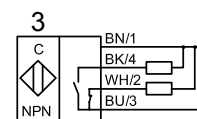
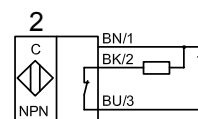
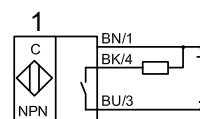
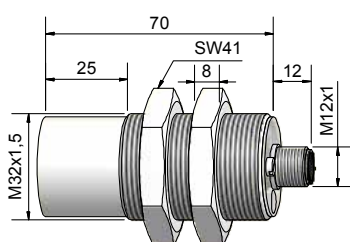
Non-flush mountable

Operating distance $S_n$	20 mm
Operating distance min. / max. adjustable	3...30 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-80-35-A-K-M32-PTFE-Y5-StEx</b>	
<b>Art.-No. KA 0867</b>	
Connection diagram No.	6
Operating voltage ( $U_B$ )	10...30 V DC
Output current max. ( $I_o$ )	2 x 150 mA
Voltage drop max. ( $U_o$ )	≤ 2.0 V
Permitted residual ripple max.	5 %
No-load current ( $I_o$ )	Typ. 15 mA
Frequency of operating cycles max.	50 Hz
Permitted ambient temperature	-20...+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	PTFE (FDA 21 CFR 177.1550)
Active surface	PTFE (FDA 21 CFR 177.1550)
Lid	PC (FDA 21 CFR 177.1580)
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)