



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

Housing Ø 26 mm / Triclamp

- For use in areas with the risk of dust explosion, zone 20
- For use in areas with the risk of gas explosion, zone 1
- Housing material: PTFE
- With Triclamp process connection

DMT 01 ATEX E 157	IECEx BVS 07.0015
Ex II 2 G Ex mb IIC T4 Gb	Ex mb IIC T4 Gb
Ex II 1/2 D Ex ta/tb IIIC T101°C Da/Db	Ex ta/tb IIIC T101°C Da/Db



Quattro<sup>Exc</sup>Protect™

### Technical data

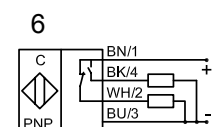
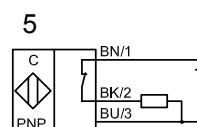
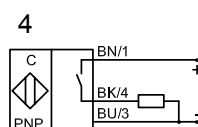
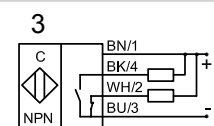
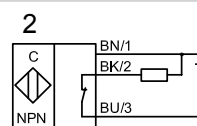
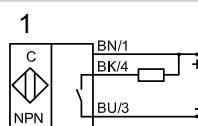
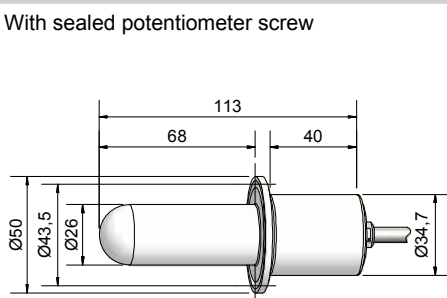
Non-flush mountable

Operating distance $S_n$	5 mm
Operating distance min. / max. adjustable	0...20 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-80-26-A-K-Tri-PTFE-StEx</b>	
<b>Art.-No.</b>	
<b>KA 0421</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. ( $U_d$ )	≤ 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...+90 °C
LED-display	Green / yellow
Protective circuit	Built-in
Degree of protection IEC 60529	IP 67*
Norm	EN 60947-5-2
Connection cable	2 m, PVC, 4 x 0.5 mm <sup>2</sup>
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

190750, 190751, 190752, is not delivered with the probe

\* With sealed potentiometer screw



Made in Germany