



## Capacitive Sensors Series 80 - PNP

Housing Ø 26 mm / F30

- 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
- Special version with flange, double gasket for hole basis fitting Ø 30 mm

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



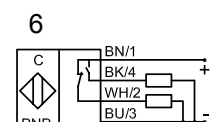
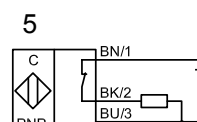
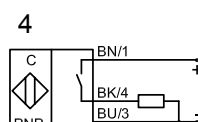
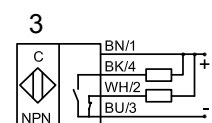
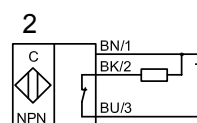
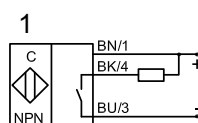
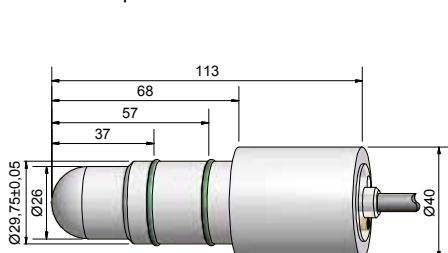
Quattro<sup>ETC</sup>Protect™

### 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>Art.-No.</b>	
<b>KAS-80-26/F30-A-PTFE-StEx</b>	
<b>Art.-No.</b>	
<b>KA 0636</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	
PA	
Media optimized	
Yes	

\* With sealed potentiometer screw



**Made in Germany**