



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

Housing Ø 26 mm / G 1" / 40 mm

- For use in areas with the risk of dust explosion, zone 20
- Housing material: PEEK
- Special housing for applications with high demands on hygiene
- 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	Ex ta/tb IIIC T101°C Da/Db



### Technical data

Non-flush mountable

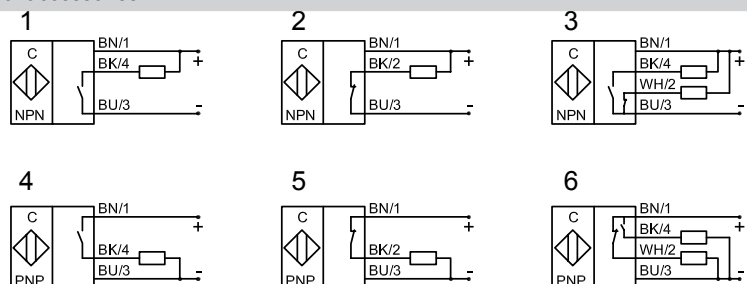
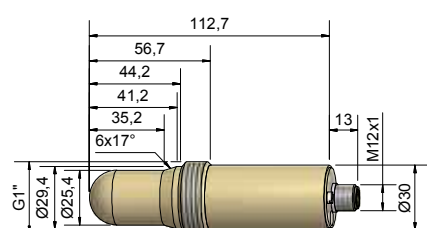
Operating distance $S_n$	5 mm
Operating distance min. / max. adjustable	0...20 mm
Electrical version	4-pin DC
Output	Antivalent
<b>Type NPN</b>	
<b>Art.-No.</b>	
Connection diagram No.	
<b>Type PNP</b>	
<b>KAS-80-26-A-K-G1"-PEEK-HG-Y5-StEx</b>	
<b>Art.-No.</b>	
<b>KA 0767</b>	
Connection diagram No.	
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	-20...+90 °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	PEEK (FDA 21 CFR 177.2415)
Active surface	PEEK (FDA 21 CFR 177.2415)
Lid	PC (FDA 21 CFR 177.1580)
Media optimized	Yes

### Accessories (is delivered with the unit)

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. (23.05.2014)