



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

Housing M 32 x 1.5

- Housing material: Stainless steel VA, No.1.4404 (AISI 316L)
- For use in areas with the risk of dust explosion, zone 20
- Sensing distance 2...25 mm adjustable

DMT 01 ATEX E 157

IECEX BVS 07.0015

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

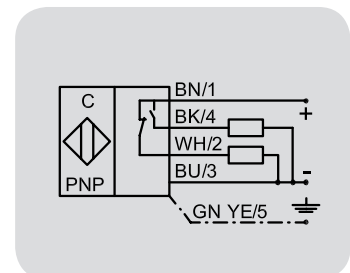
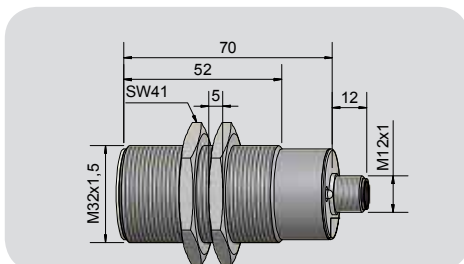
Ex ta/tb IIIC T101°C Da/Db



<b>Technical data</b>	Flush mountable
Operating distance $S_n$	15 mm
Operating distance min. / max. adjustable	2...25 mm
Electrical version	4-wire DC
Output function	Antivalent
<b>Type PNP current</b>	<b>KAS-80-30-A-M32-PTFE/VAc-Y10-1-1/2D</b>
<b>Type PNP</b>	<b>KAS-80-30-A-M32-Y10-StEx</b>
<b>Art.-No.</b>	<b>KA 1577</b>
Operating voltage ( $U_B$ )	10...30 V DC
Operating current ( $I_o$ )	2 x 0...150 mA
Voltage drop max. ( $U_d$ )	≤ 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 cable	Flange connector M 12 x 1
Housing material	Stainless steel VA No.1.4404 / AISI 316L (FDA conforming)
Active surface	PTFE (FDA 21 CFR 177.1550)
Lid	PC (FDA 21 CFR 177.1580)
Media optimized	Yes
<b>Accessories</b> (is delivered with the unit)	2 pieces nuts M 32 x 1.5, Protective clip

All specifications are subject to change without notice. (25.02.2019)

\* With sealed potentiometer screw



**Made in Germany**