



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

Housing M 18 x 1

- 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: Stainless steel VA No. 1.4305 / AISI 303
- Sensing distance 0,5...15 mm adjustable

DMT 01 ATEX E 157

IECEX BVS 07.0015

Ex II 2 G Ex mb IIC T4 Gb

Ex mb IIC T4 Gb

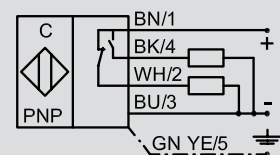
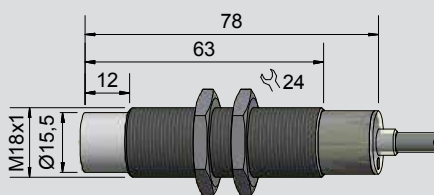
Ex II 1/2 D Ex ta/tb IIIC T101°C Da/Db

Ex ta/tb IIIC T101°C Da/Db



<b>Technical data</b>	Non-flush mountable
Operating distance $S_n$	8 mm
Operating distance min. / max. adjustable	0.5...15 mm
Electrical version	4-wire DC
Output function	Antivalent
<b>Type PNP current</b>	<b>KAS-80-A23-A-M18-PTFE/VAb-Z02-1-HP-2G-1/2D</b>
<b>Type PNP</b>	<b>KAS-80-A23-A-StEx</b>
<b>Art.-No.</b>	<b>KA 1503</b>
Operating voltage ( $U_B$ )	10...30 V DC
Voltage drop max. ( $U_o$ )	$\leq 2.0$ V
Permitted residual ripple max.	10 %
Operating current ( $I_o$ )	2 x 0...150 mA
No-load current ( $I_o$ )	Typ. 15 mA
Frequency of operating cycles max.	25 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	3 m, PVC, 5 x 0.14 mm <sup>2</sup>
Housing material	Stainless steel VA No. 1.4305 / AISI 303
Active surface	PTFE (FDA 21 CFR 177.1550)
Lid	PC (FDA 21 CFR 177.1580)
Media optimized	Yes
<b>Accessories</b> (delivered with the sensor)	2 nuts M 18 x 1

All specifications are subject to change without notice. (06.01.2020)



\* With sealed potentiometer screw

**Made in Germany**