


Capacitive Sensors
Series 80 - PNP - StEx - ATEX

Housing Tri-Clamp

- For use in areas with the risk of dust explosion, zone 20
- Housing material: Stainless steel VA No. 1.4404 / AISI 316L
- Sensing distance 3...30 mm adjustable
- With flange connector M 12 x 1, 5-pin incl. protective wire pin

DMT 01 ATEX E 157

IECEX BVS 07.0015

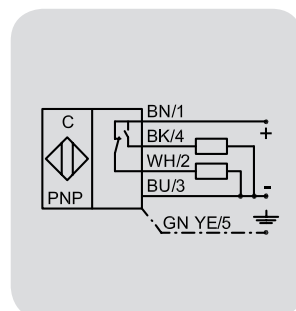
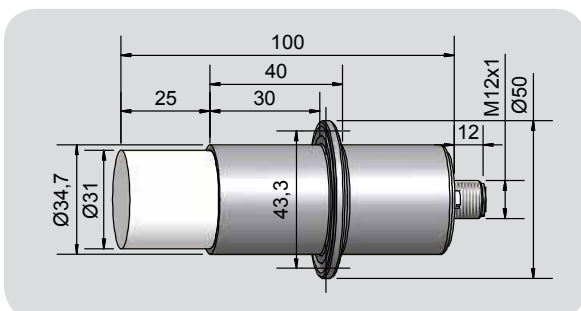
II 1/2 D Ex ta/tb IIIC T101°C Da/Db

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Technical data	Non-flush mountable
Operating distance S_n	20 mm
Operating distance min. / max. adjustable	3...30 mm
Electrical version	4-pin DC
Output function	Antivalent (NO + NC)
Type PNP current	KAS-80-35/100-A-Tri-PTFE/VAc-Y10-1-HP-1/2D
Type PNP	KAS-80-35/100-A-Tri-PTFE/VA-Y10-StEx
Art.-No.	KA 0869
Operating voltage (U_B)	10...35 V DC
Voltage drop max. (U_d)	≤ 2.0 V
Permitted residual ripple max.	10 %
Operating current (I_B)	2 x 0...150 mA
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	Flange connector M 12 x 1
Housing material	Stainless steel VA No. 1.4404 / AISI 316L
Active surface	PTFE (FDA 21 CFR 177.1550)
Lid	PC (FDA 21 CFR 177.1580)
Media optimized	Yes
Accessories (delivered with the sensor)	Protective clip
Accessories (not delivered with the sensor): Stainless steel welding nipple DN 25 # 190751, Sealing gasket # 190752, Triclamp mounting clamp # 190750 and matching connectors please see our selection of accessories.	

* With sealed potentiometer screw


Made in Germany

All specifications are subject to change without notice. (10/2018)