



Capacitive Sensors Series 80 - PNP - StEx- ATEX

Housing M 32 x 1.5

- For use in areas with the risk of dust explosion, zone 20
- For use in areas with the risk of gas explosion, zone 1
- Sensing distance 2...25 mm adjustable

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

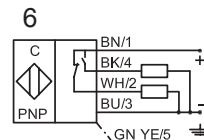
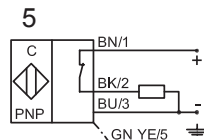
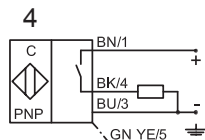
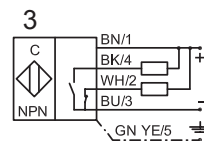
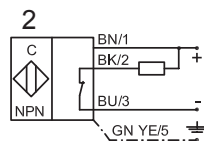
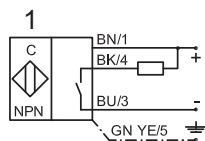
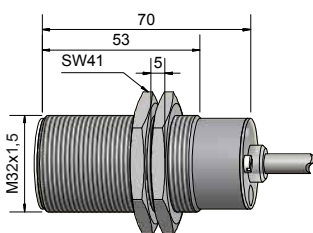


Quattro^{Exc}Protect™

Technical data

	Flush mountable
Operating distance S_n	15 mm
Operating distance min. / max. adjustable	2...25 mm
Electrical version	4-wire DC
Output function	Antivalent
Type NPN	
Art.-No.	
Connection diagram No.	
Type PNP	
KAS-80-30-A-M32-StEx	
Art.-No.	
KA 1047	
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_o)	
≤ 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	
3 m, PVC, 5 x 0.34 mm ²	
Housing material	
VA No. 1.4305	
Active surface	
PTFE (FDA 21 CFR 177.1550)	
Lid	
PC (FDA 21 CFR 177.1580)	
Media optimized	
Yes	
Accessories (is delivered with the unit)	
2 pieces nuts M 32	

* With sealed potentiometer screw



Made in Germany