



## Capacitive Sensors Series 70 - NPN - 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 3...30 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



Quattro<sup>EC</sup>Protect™

### Technical data

Non-flush mountable

Operating distance $S_n$	20 mm
Operating distance min. / max. adjustable	3...30 mm
Electrical version	4-wire DC
Output function	Antivalent

### Type NPN

Art.-No.

Connection diagram No.

### Type PNP

**KAS-70-35-A-M32-StEx**

Art.-No.

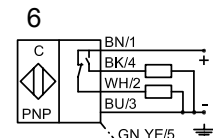
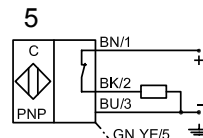
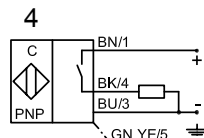
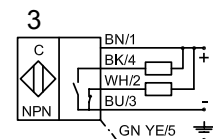
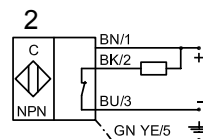
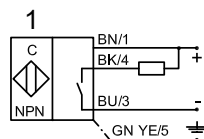
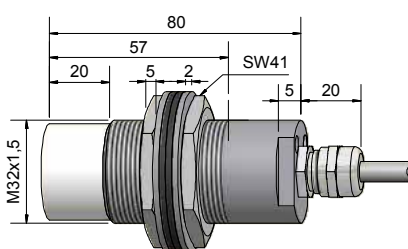
**KA 0221**

Connection diagram No.	3
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 cable	10 m, PVC, 5 x 0.34 mm <sup>2</sup>
Housing material	VA No. 1.4305
Active surface	PTFE (FDA 21 CFR 177.1550)
Lid	VA No. 1.4305
Media optimized	Yes

**Accessories** (is delivered with the unit)

2 pieces nuts M 30, 2 pieces grommets, 2 pieces o-rings

\* With sealed potentiometer screw



**Made in Germany**