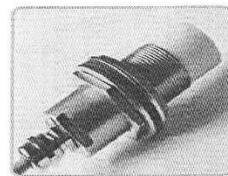


PL510Ex (Rechner KAS-70-35-A-M32-StEx)

Explosion proof sensor Zone 1/2G

The sensor is connected to the PL200 Console with a switchbox

For all liquid detection applications where there is a potential of explosive gas occurrences (gasoline, diesel, alcohol based liquids etc.)



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
II 2 G Ex mb IIC T4 Gb	Ex mb IIC T4 Gb
II 1/2 D Ex ta/ib IIC T101°C Da/Db	Ex ta/ib IIC T101°C Da/Db

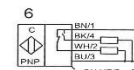
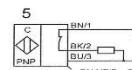
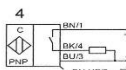
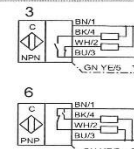
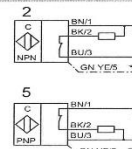
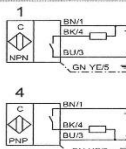
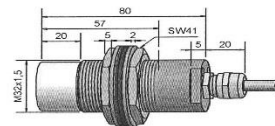


Quattro~~Ex~~Protect™

Technical data	Non-flush mountable
Operating distance S ₀	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 ₀)	10...30 V DC
Output current max. (I ₀)	2 x 150 mA
Voltage drop max. (U ₀)	≤ 2.0 V
Permitted residual ripple max.	10 %
No-load current (I ₀)	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 ²
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

All specifications are subject to change without notice. (28.05.2014)

* With sealed potentiometer screw



Made in Germany

Sensitivity adjustment

Open the screw. Adjust the sensitivity using a small screwdriver
Screw back the sealing screw



LED

Green alive
Orange alert

Top vision

side vision



Space from ground

1-2 mm is the recommended space for fast detection