



Capacitive Sensors Series 40 NAMUR- StEx- ATEX

Housing M 32 x 1.5

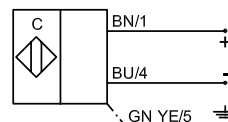
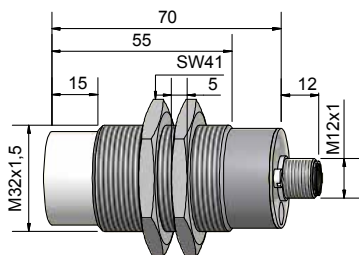
- For use in areas with the risk of dust explosion, zone 20
- For use in areas with the risk of gas explosion, zone 0
- Sensing distance 3...20 mm adjustable
- With flange connector M 12 x 1, 3-pin incl. protective wire pin

DMT 03 ATEX E 048	IECEX BVS 07.0031
Ex II 1G Ex ia IIC T1-T6 Ga	Ex ia IIC T1-T6 Ga
Ex II 1D Ex ia IIIC T101°C Da	Ex ia IIIC T101°C Da



Technical data	Non-flush mountable
Operating distance S_n	18 mm
Operating distance min. / max. adjustable	3...20 mm
Electrical version	2-pin DC
Output function	NAMUR EN 60947-5-6
Type	KAS-40-34-N-M32-Y10-StEx
Art.-No.	KA 0871
Operating voltage (U_b)	5 - 15 V DC, $U_i = 15$ V DC
Output current active surface free	< typ. 1.5 mA
Output current active surface covered	> typ. 2.5 mA
Self-inductance (L)	0.2 mH
Self-capacitance (C)	250 nF
Permitted residual ripple max.	5 %
Frequency of operating cycles max	50 Hz
Permitted ambient temperature	-20...+70 °C
LED-display	-
Degree of protection IEC 60529	IP 67*
Connection	Flange connector M 12 x 1
Housing material	VA No. 1.4305
Active surface	PTFE (FDA 21 CFR 177.1550)
Lid	PC (FDA 21 CFR 177.1580)
Accessories (is delivered with the unit)	2 pieces nuts M 32, Protective clip
For matching connectors please see our selection of accessories.	

* With sealed potentiometer screw



All specifications are subject to change without notice. (06/2014)

Made in Germany