



## Capacitive Sensors Series 40 NAMUR- StEx- ATEX

Housing M 30 x 1.5

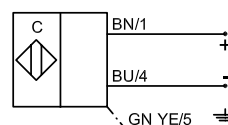
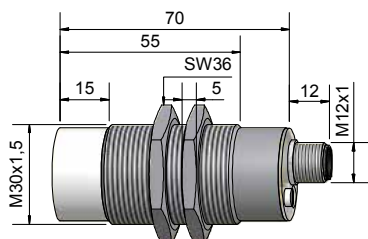
- For use in areas with the risk of dust explosion, zone 20
- For use in areas with the risk of gas explosion, zone 0
- Sensing distance 2...20 mm adjustable
- With flange connector M 12 x 1, 3-pin incl. protective wire pin

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



<b>Technical data</b>	Non-flush mountable
Operating distance $S_n$	15 mm
Operating distance min. / max. adjustable	2...20 mm
Electrical version	2-pin DC
Output function	NAMUR EN 60947-5-6
<b>Type</b>	<b>KAS-40-A24-N-Y10-StEx</b>
<b>Art.-No.</b>	<b>KA 0870</b>
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)
<b>Accessories</b> (is delivered with the unit)	2 pieces nuts M 30, 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