



## Capacitive Sensors Series 40 - NAMUR EN 60947-5-6

Housing M 8 x 1

- For use in areas with the risk of gas explosion, zone 0
- Housing material: Brass
- Sensing distance  $S_n = 0.5 \text{ mm}$

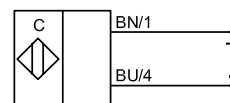
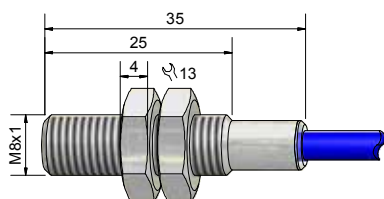
Certificate:



DMT 03 ATEX E 048	IECEx BVS 07.0031
Ex II 1G Ex ia IIC T1-T6 Ga	Ex ia IIC T1-T6 Ga



Technical data	Flush mountable
Operating distance $S_n$	0.5 mm
Electrical version	2-wire DC
Output function	NAMUR EN 60947-5-6
<b>Type</b>	<b>KAS-40-A11-N</b>
<b>Art. No.</b>	<b>400 100</b>
Operating voltage ( $U_B$ )	5 - 15 V DC, $U_i = 15 \text{ V DC}$
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 cable	2 m, PVC, 2 x 0.14 mm <sup>2</sup>
Housing material	Brass
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 8



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

**Made in Germany**