



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

Housing M 12 x 1

- For use in areas with the risk of gas explosion, Zone 0
- Housing material: PTFE
- Ideal for detection of chemically aggressive media
- Suitable for food applications
- Sensing distance 1...6 mm adjustable

DMT 03 ATEX E 048

IECEX BVS 07.0031

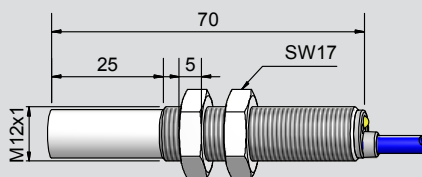
Ex II 1G Ex ia IIC T1-T6 Ga

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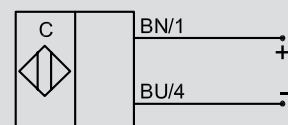


<b>Technical data</b>	Non-flush mountable
Operating distance $S_n$	4 mm
Operating distance min. / max. adjustable	1...6 mm
Electrical version	2-wire DC
Output function	NAMUR DIN 60947-5-6
<b>Type current</b>	<b>KAS-40-14-N-M12-PTFE-Z02-1-HP-1G</b>
<b>Type</b>	<b>KAS-40-14-N-M12-PTFE</b>
<b>Art. No.</b>	<b>400 900</b>
Operating voltage ( $U_B$ )	$U_i$ 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	-25...+70 °C
LED-display	Yellow
Degree of protection IEC 60529	IP 67*
Connection cable	2 m, PVC, 2 x 0.14 mm <sup>2</sup>
Housing material	PTFE (FDA 21 CFR 177.1550)
Active surface	PTFE (FDA 21 CFR 177.1550)
Lid	PA / PPO
<b>Accessories</b> (is delivered with the sensor)	2 nuts M 12 x 1

All specifications are subject to change without notice. (28.02.2020)



Matching Ex barriers can be offered on request.



\* With sealed potentiometer screw

**Made in Germany**