



Certificate: **DMT 03 ATEX E 048**



Capacitive Sensors Series 40 - NAMUR

Housing M12 x 1

- II 2 G EEx ia IIC T1-T6
- For use in areas where there is a risk of explosion
- Housing material: stainless steel VA
- Flush mountable
- Sensing distance 1...5 mm adjustable

Technical data

Operating distance S_n [mm], flush mounting	2, yes
Operating distance min./max. [mm] adjustable	1...5
Electrical version	2-wire DC
Output function	NAMUR DIN 60947-5-6
Type	KAS-40-A12-N
Art.-No.	400 200
Connection diagram No.	see below
Operating voltage (U_B)	$U_i = 15$ V DC
Output current active surface free	< typ. 1.5 mA
Output current active surface covered	> typ. 3 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	-
Degree of protection IEC 529	IP 67
Connection cable	2 m 2 x 0.14 mm ²
Housing material	VA No. 1.4305
Active surface	PTFE
Lid	PA

All specifications are subject to change without notice. (05/2004)

