



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



Housing M 30 x 1.5

- For use in areas with the risk of gas explosion, zone 0
- Housing material: PA / PPO
- Sensing distance 0.5...25 mm adjustable

Certificate:



DMT 03 ATEX E 048

IECEx BVS 07.0031

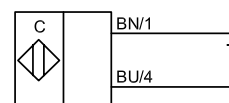
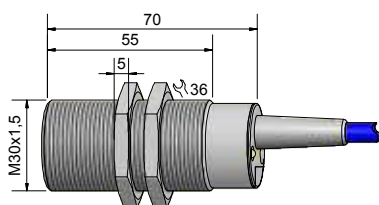
Ex II 1G Ex ia IIC T1-T6 Ga

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Technical data

	Flush mountable
Operating distance S_n	10 mm
Operating distance min. / max. adjustable	0.5...25 mm
Electrical version	2-wire DC
Output function	NAMUR DIN 60947-5-6
Type	KAS-40-A14-N-K
Art. No.	KA 0231
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	-25...+70 °C
LED-display	Yellow
Degree of protection IEC 60529	IP 67
Connection cable	5 m, PUR, 2 x 0.75 mm ²
Housing material	PA / PPO
Active surface	PA / PPO
Lid	PA / PPO
Media optimized	Yes



Made in Germany

All specifications are subject to change without notice. (05.02.2013)