



Inductive Sensors Series 30 - NAMUR

Housing M18 x 1

- For use in areas where there is a risk of explosion
- Housing material: PEEK
- Sensing distance S_n 8 mm
- With sealing cover and screwing (IP 68)
- With 2 PEEK nuts M18 x 1
- With 10 m cable (Outer jacket PUR flame retardant and halogenfree
Core insulation is PVC, flame retardant)

Certificate:



DMT 03 ATEX E 048

IECEx BVS 07.0031

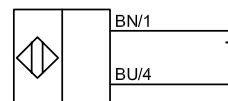
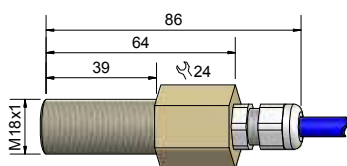
Ex II 1G Ex ia IIC T1-T6 Ga

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Technical data

Non-flush mountable

Operating distance S_n	8 mm
Electrical version	2-pin DC
Output	NAMUR DIN 60947-5-6
Type	IAS-30-A23-N-K-PEEK-IP68
Art.-No.	IA 0217
Operating voltage (U_g)	5 - 15 V DC, $U_i = 15$ V DC
Output current active surface free	> typ. 2 mA
Output current active surface covered	< typ. 1.5 mA
Self-inductance (L)	2 mH
Self-capacitance (C)	250 nF
Permitted residual ripple max.	5 %
Frequency of operating cycles max.	500 Hz
Permitted ambient temperature	-25...+70 °C
LED-display	-
Degree of protection IEC 60529	IP 68 / 10 bar
Connection	10 m, PUR, blue 2 x 0,75 mm ² (6.4 mm ± 0.2)
Housing material	PEEK (FDA 21 CFR 177. 2415)
Active surface	PEEK (FDA 21 CFR 177. 2415)
Lid	PEEK (FDA 21 CFR 177. 2415)



All specifications are subject to change without notice. (28.01.2013)