



Inductive Sensors Serie 30 - NAMUR EN 60947-5-6

Housing Ø 6.5 mm

- For use in areas with the risk of gas explosion, zone 0
- For use in areas with the risk of dust explosion, zone 20
- Housing material: PEEK
- Sensing distance $S_n = 1.5$ mm

DMT 03 ATEX E 048

IECEx BVS 07.0031

Ex II 1G Ex ia IIC T1-T6 Ga

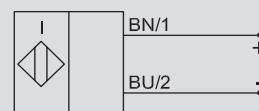
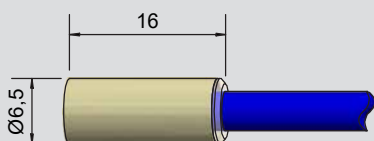
Ex ia IIC T1-T6 Ga

Ex II 1D Ex ia IIIC T101°C Da

Ex ia IIIC T101°C Da



Technical data	Flush mountable
Operating distance S_n	1.5 mm
Electrical version	2-wire DC
Output	NAMUR EN 60947-5-6
Type current	IAS-30-6.5/16-N-D6.5-PEEK-Z02-0-1G-1D
Type	IAS-30-6.5-N-K-PEEK-StEx
Art.-No.	IA 0344
Operating voltage (U_B)	5 - 15 V DC, $U_i = 15$ V DC
Operating current active surface free	> typ. 2 mA
Operating 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	-20...+70 °C
Degree of protection IEC 60529	IP 67
Connection cable	2 m PVC, 2 x 0.14 mm ²
Housing material	PEEK (FDA 21 CFR 177.2415)
Active surface	PEEK (FDA 21 CFR 177.2415)
Lid	PC (FDA 21 CFR 177.1580)



Made in Germany