



Inductive Sensors Series 30 NAMUR EN 60947-5-6 - StEx -ATEX

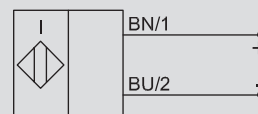
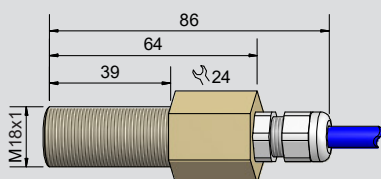
Housing M18 x 1

- For use in areas with the risk of dust explosion, zone 20
- For use in areas with the risk of gas explosion, zone 0
- Housing material: PEEK
- With sealing cover and screwing (IP 68)
- With 10 m cable (Outer jacket PUR flame retardant and halogenfree
Core insulation is PVC, flame retardant)

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	5 mm
Electrical version	2-pin DC
Output	NAMUR EN 60947-5-6
Type current	IAS-30-A13-N-M18-PEEK-Z02-0-1G-1D
Type	IAS-30-A13-N-K-PEEK-IP68
Art.-No.	IA 0166
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	-25...+70 °C
Degree of protection IEC 60529	IP 68 / 10 bar
Connection cable	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)
Accessories (delivered with the sensor)	2 nuts M 18 x 1



Made in Germany