IFRM 18X9503

Inductive sensors NAMUR

Article number: 10235254

Overview

- 5 mm
- NAMUR
- cable, 2 m
- -25 … 75 °C
- IP 67



Picture similar

Technical data

General data	
Mounting type	Flush
Nominal sensing distance Sn	5 mm
Approvals/certificates	ATEX 1G
Electrical data	
Switching frequency	1 kHz
Normal operating voltage	8.2 VDC
Voltage supply range +Vs	5 … 30 VDC
Current consumption undamped	> 4 mA
Current consumption damped	< 1 mA
Current consumption max. (no load)	10 mA
Output circuit	NAMUR
Residual ripple	< 10 % Vs
Mechanical data	
Type	Cylindrical threaded
Housing material	Brass nickel plated

Mechanical data	
Dimension	18 mm
Housing length	30 mm
Connection types	Cable, L=2 m
Safe maximum values	
EC-type-examination Certificate	SEV 21 ATEX 0551 X IECEx SEV 21.0019X
Marking	II 1G Ex ia IIC T6...T5 Ga
Current Ii	< 37 mA
Voltage Ui	< 13.5 VDC
Power Pi	< 0.125 W
Internal capacitance Ci	< 50 nF
Internal inductance Li	< 0.2 mH
Operating temperature Ta (temp. class T5)	-20 … +60 °C
Operating temperature Ta (temp. class T6)	-20 … +40 °C
Ambient conditions	
Operating temperature	-25 … +75 °C
Protection class	IP 67

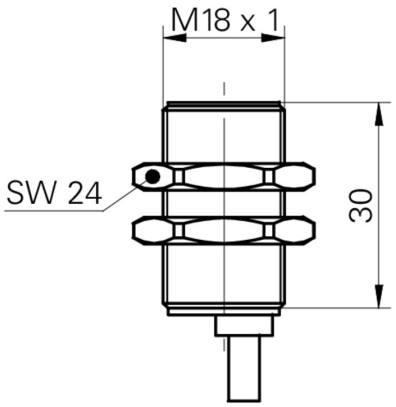
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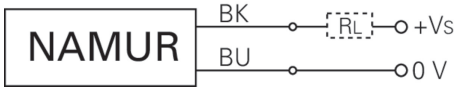
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Dimension drawing



Connection diagram



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