

Inductive sensor

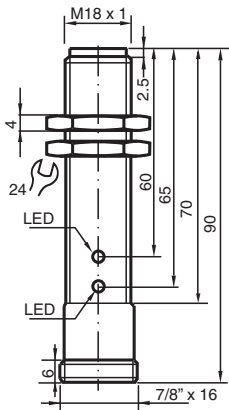
NMB3-18GM85-US-FE-V93



- Stainless steel sensing face
- 2-wire AC/DC
- Sensing range 3 mm



Dimensions



Technical Data

General specifications

Rated operating distance	s_n	3 mm
Installation		flush
Output polarity		AC/DC
Reduction factor r_{Al}		0
Reduction factor r_{Cu}		0
Reduction factor r_{304}		0.4 - 0.7
Reduction factor r_{St37}		1
Reduction factor r_{Brass}		0
Output type		2-wire

Nominal ratings

Operating voltage DC	U_B	20 ... 300 V
Operating voltage AC	U_B	20 ... 250 V
Switching frequency	f	15 Hz

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Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

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Technical Data

Hysteresis	H	3 ... 15 typ. 10 %
Reverse polarity protection		yes
Short-circuit protection		yes
Voltage drop	U_d	≤ 7 V
Operating current	I_L	8 ... 200 mA
Off-state current	I_r	≤ 1.3 mA
Operating voltage indicator		LED, green
Switching state indicator		LED, yellow
Standard conformity		
Standards		IEC / EN 60947-5-2:2004
Ambient conditions		
Ambient temperature		-25 ... 70 °C (-13 ... 158 °F)
Mechanical specifications		
Housing material		Stainless steel 1.4305 / AISI 303
Sensing face		Stainless steel 1.4305 / AISI 303
Degree of protection		IP67

Connection

US

