

# Inductive sensor

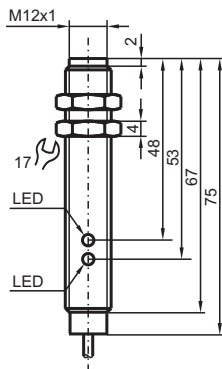
## NMB2-12GM75-US-NFE



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



### Dimensions



### Technical Data

#### General specifications

Rated operating distance	$s_n$	2 mm
Installation		flush in mild steel
Assured operating distance	$s_a$	0 ... 1.62 mm
Reduction factor $r_{Al}$		1
Reduction factor $r_{Cu}$		1.1
Reduction factor $r_{304}$		0
Reduction factor $r_{S137}$		0
Reduction factor $r_{Brass}$		0.9
Output type		2-wire

#### Nominal ratings

Operating voltage DC	$U_B$	20 ... 300 V
Operating voltage AC	$U_B$	20 ... 140 V
Switching frequency	$f$	0 ... 20 Hz

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

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## Technical Data

Hysteresis	H	typ. 5 %
Short-circuit protection		pulsing
Voltage drop	$U_d$	$\leq 7$ V
Operating current	$I_L$	8 ... 200 mA
Off-state current	$I_r$	0 ... 1.3 mA typ.
Time delay before availability	$t_v$	$\leq$
<b>Indicators/operating means</b>		
Operation indicator		Dual LED Green: power Red: output
<b>Standard conformity</b>		
Standards		IEC / EN 60947-5-2:2004
<b>Ambient conditions</b>		
Ambient temperature		-25 ... 70 °C (-13 ... 158 °F)
<b>Mechanical specifications</b>		
Core cross-section		0.34 mm <sup>2</sup>
Housing material		Stainless steel 1.4305 / AISI 303
Sensing face		Stainless steel 1.4305 / AISI 303
Degree of protection		IP67

## Connection

US

