



### Model Number

NMB6-F104M-E1-FE

### Features

- Sensing range 6 mm
- Ferrous targets
- Stainless steel sensing face
- NPN version

## Technical Data

### General specifications

Switching function		Normally closed (NC)
Output type		NPN
Rated operating distance	$s_n$	6 mm
Installation		flush
Assured operating distance	$s_a$	0 ... 4.86 mm
Actuating element		Ferrous targets
Reduction factor $r_{Al}$		0
Reduction factor $r_{Cu}$		0
Reduction factor $r_{304}$		0.6 ... 0.8
Reduction factor $r_{Si37}$		1
Output type		3-wire

### Nominal ratings

Operating voltage	$U_B$	10 ... 30 V DC
Switching frequency	$f$	20 Hz
Hysteresis	$H$	5 ... 15 typ. 10 %
Reverse polarity protection		reverse polarity protected
Short-circuit protection		yes
Voltage drop	$U_d$	$\leq 2$ V
Operating current	$I_L$	$\leq 100$ mA
Current consumption		$\leq 10$ mA
Off-state current	$I_r$	$\leq 10$ $\mu$ A

### Indicators/operating means

Operation indicator		LED red: output ( rear visible )
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### Standard conformity

Standards		EN 60947-5-2:2007 IEC 60947-5-2:2007
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### Ambient conditions

Ambient temperature		-25 ... 70 °C (-13 ... 158 °F)
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### Mechanical specifications

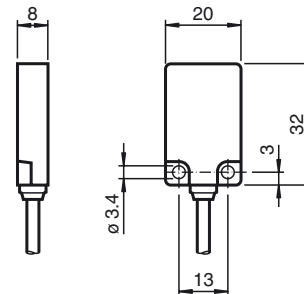
Connection type		cable black PUR , 2 m
Core cross-section		0.34 mm <sup>2</sup>
Housing material		Stainless steel 1.4305 / AISI 303

Degree of protection		IP67
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### Approvals and certificates

UL approval		cULus Listed, General Purpose
CCC approval		CCC approval / marking not required for products rated $\leq 36$ V

## Dimensions



## Electrical Connection

