



Indukční snímače  
Cylindrical threaded housing, IME18

IME18-12NPSZW2K



Typ > [IME18-12NPSZW2K](#)  
Obj. číslo > [1040983](#)



**At a glance**

- Size M18
- IP 67 enclosure rating
- Operating temperature from -25° C to +75° C

**Your benefits**

- Reduced machine downtime
- Reduced mechanical damage
- Fewer maintenance costs due to longer service life
- High resistance to shock and vibrations



**!Features!**

Způsob provedení:	Válcový
Rozměr závitu:	M18 x 1
Rozměr světelné stopy Sn:	12 mm
Assured sensing range Sa:	9,72 mm
Provedení v kovu:	Nelícovaný
Spínací frekvence:	1.000 Hz
Spínací výstup:	PNP
Funkce výstupu:	NO
Elektrické provedení:	DC 3-vodič
Krytí:	IP 67 <sup>1)</sup>
Způsob připojení:	Cable, 3-wire, 2 m
Housing:	Short-body

<sup>1)</sup> According to EN 60529

**!Mechanics/electronics!**

Napájecí napětí:	10 V DC ... 30 V DC
Zbytkové vlnění:	≤ 10 %
Úbytek napětí:	≤ 2 V
Current consumption:	≤ 10 mA <sup>1)</sup>
Zpoždění po zapnutí:	≤ 100 ms
Hystereze:	5 % ... 15 %
Reprodukovatelnost:	≤ 2 % <sup>2) 3)</sup>
Teplotní drift (od Sr):	± 10 %
EMV:	Podle EN 60-947-5

Trvalý zatěžovací proud Ia:	≤ 200 mA
Materiál vedení:	PVC
Ochrana proti zkratu:	✓
Ochrana proti přepólování:	✓
Potlačení spínacího impulsu:	✓
Šokové -/vibrační namáhání:	30 g, 11 ms/10 Hz ... 55 Hz, 1 mm
Teplota okolí provoz:	-25 °C ... 75 °C
Materiál krytu:	Kov, poniklovaná mosaz
Housing cap material:	Umělá hmota, PA6
Délka pouzdra:	48 mm
Thread length:	23 mm
Max. utahovací moment:	40 Nm

1) Bez zatížení 2) Ub and Ta constant 3) Of Sr

### Redukční faktory

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Note:	The values are reference values which may vary
Carbon steel St37 (Fe):	1
Stainless steel (V2A, 304):	Ca. 0,8
Copper (Cu):	Ca. 0,4
Aluminum (Al):	Ca. 0,45
Mosaz:	Ca. 0,4

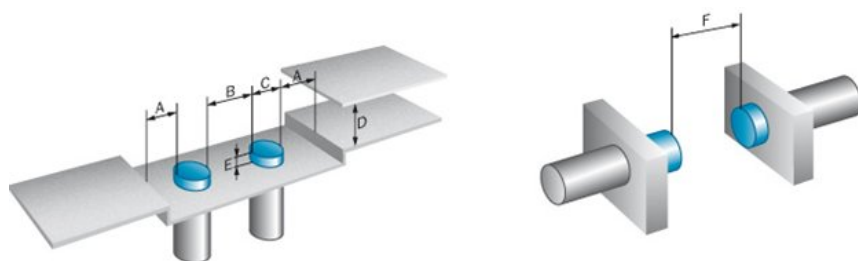
### Instalace poznámka

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A:	18 mm
B:	36 mm
C:	18 mm
D:	36 mm
E:	24 mm
F:	96 mm
Poznámka:	Associated graphic see "Installation"

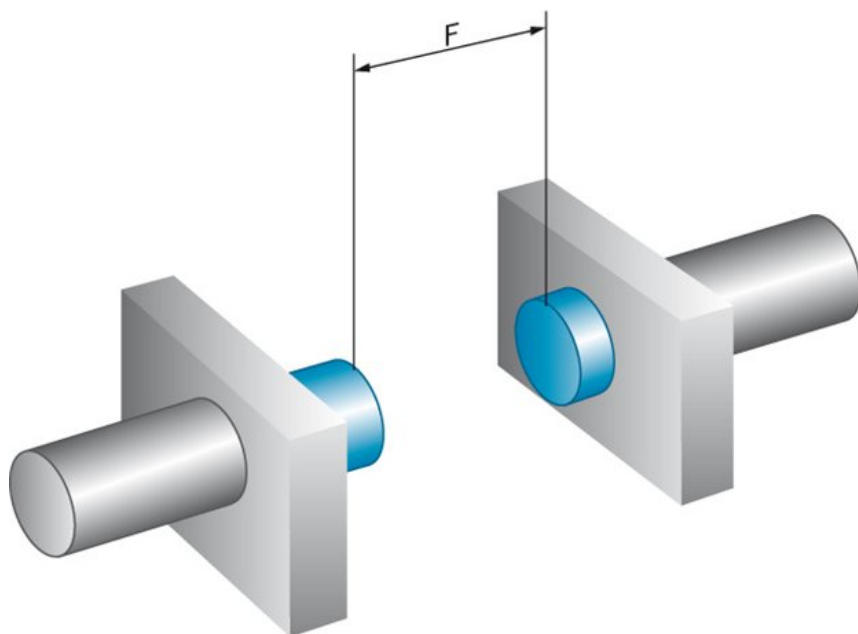
## Installation note non-flush installation

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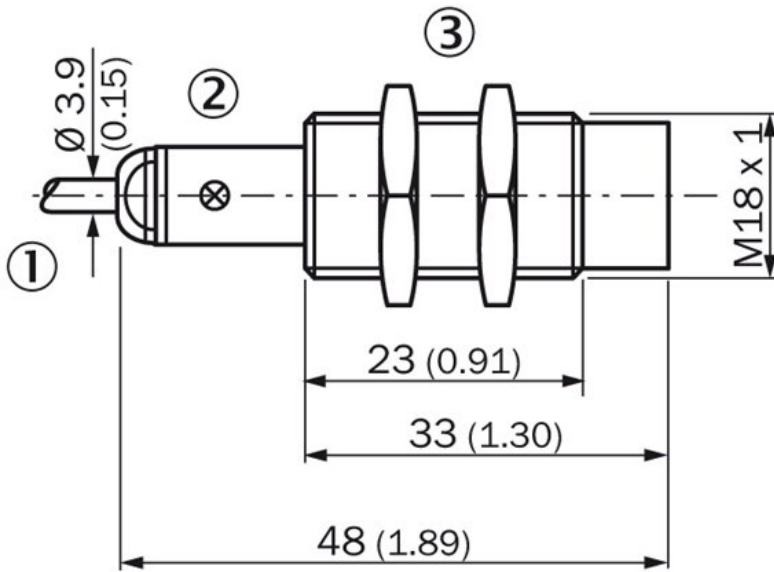


## Installation note

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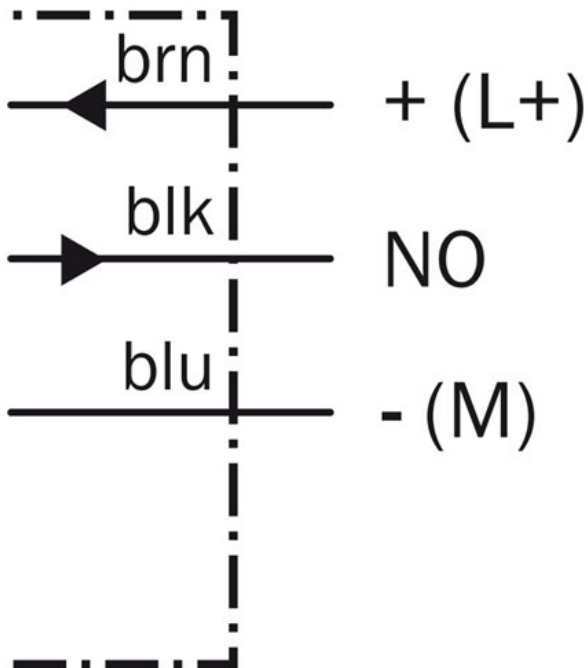
## Dimensional drawing



- |1| Connection
- |2| LED indicator
- |3| fastening nuts (2 x); 24 mm hex, metal

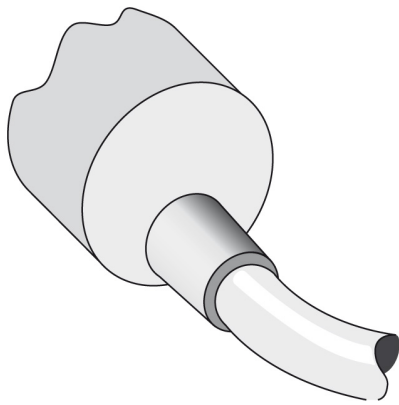
All dimensions in mm (inch)

## Schéma zapojení



**Connection type**

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