



Indukční snímače
Cylindrical threaded housing, IME12

IME12-08NPOZC0S



Typ > [IME12-08NPOZC0S](#)
Obj. číslo > [1040784](#)



At a glance

- Size M12
- 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: | M12 x 1 |
| Rozměr světelné stopy Sn: | 8 mm |
| Assured sensing range Sa: | 6,48 mm |
| Provedení v kovu: | Nelícovaný |
| Spínací frekvence: | 2.000 Hz |
| Spínací výstup: | PNP |
| Funkce výstupu: | NC |
| Elektrické provedení: | DC 3-vodič |
| Krytí: | IP 67 ¹⁾ |
| Způsob připojení: | Connector M12, 4-pin |
| Housing: | Standard |

¹⁾ According to EN 60529

!Mechanics/electronics!

| | |
|-------------------------|------------------------|
| Napájecí napětí: | 10 V DC ... 30 V DC |
| Zbytkové vlnění: | ≤ 10 % |
| Úbytek napětí: | ≤ 2 V |
| Odběr proudu: | ≤ 10 mA ¹⁾ |
| Zpoždění po zapnutí: | ≤ 100 ms |
| Hystereze: | 5 % ... 15 % |
| Reprodukovatelnost: | ≤ 2 % ^{2) 3)} |
| Teplotní drift (od Sr): | ± 10 % |
| EMV: | Podle EN 60-947-5 |

| | |
|------------------------------|-----------------------------------|
| Trvalý zatěžovací proud Ia: | ≤ 200 mA |
| 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: | 65 mm |
| Thread length: | 43 mm |
| Max. utahovací moment: | 12 Nm |

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

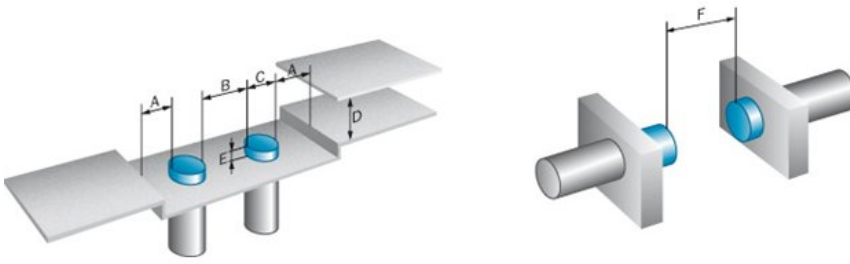
Reduk ní faktory

| | |
|-----------------------------|--|
| 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

| | |
|-----------|---------------------------------------|
| A: | 12 mm |
| B: | 24 mm |
| C: | 12 mm |
| D: | 24 mm |
| E: | 16 mm |
| F: | 64 mm |
| Poznámka: | Associated graphic see "Installation" |

Installation note non-flush installation



Dimensional drawing

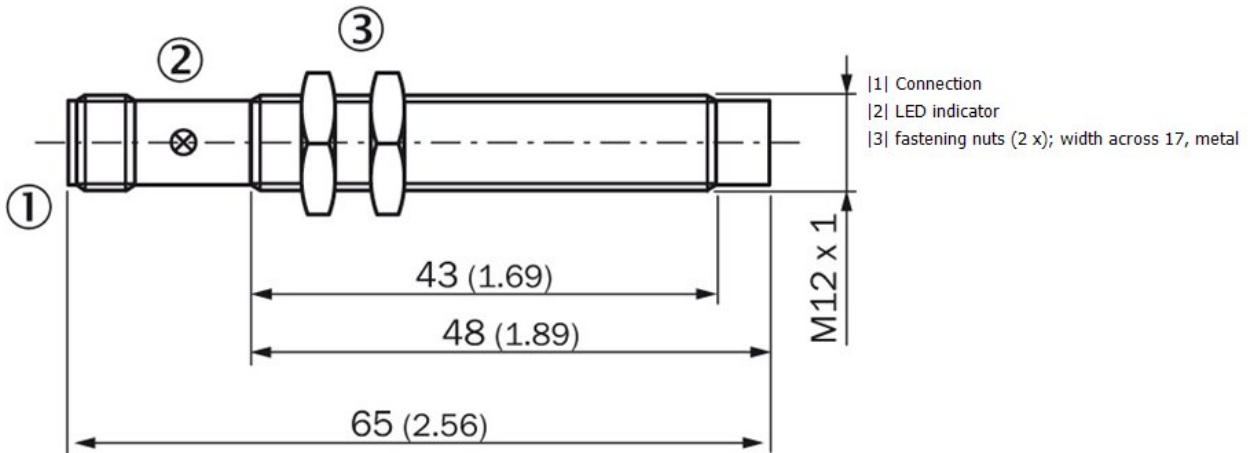
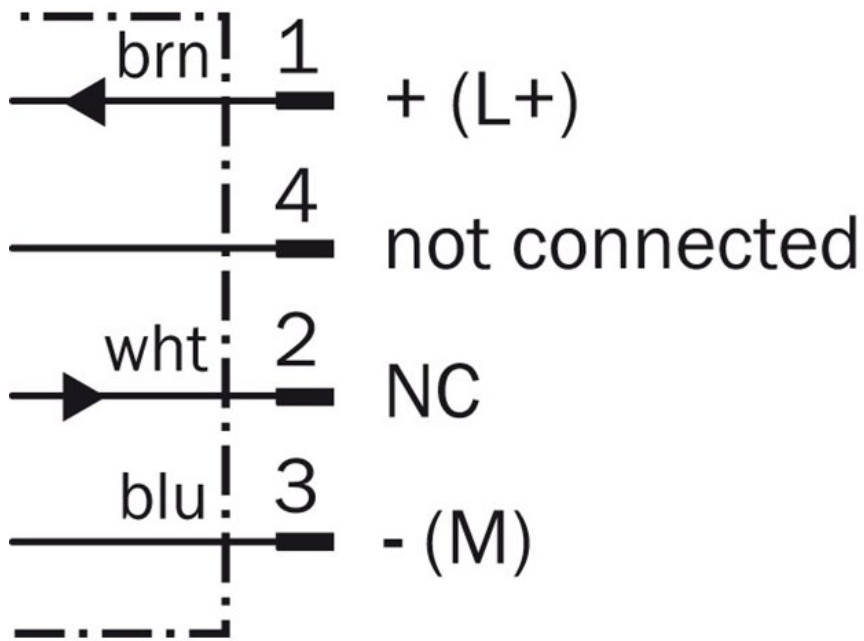
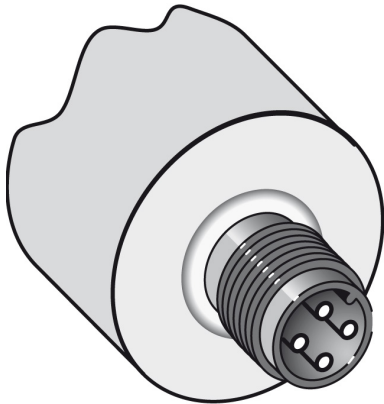


Schéma zapojení



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