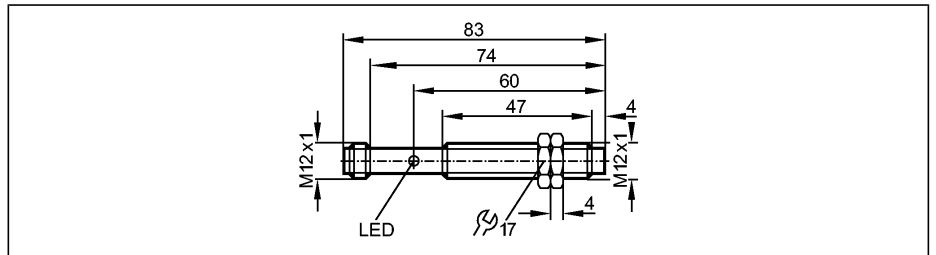


Inductive sensors

IF5647

IFA2004-FRKG/US
Inductive sensor
Metal thread M12 x 1
Connector

Sensing range 4 mm [nf]
non-flush mountable



Made in Germany



| Electrical design | |
|-----------------------------|-----------|
| Output | |
| Operating voltage | [V] |
| Current rating | [mA] |
| Minimum load current | [mA] |
| Short-circuit protection | |
| Reverse polarity protection | |
| Overload protection | |
| Voltage drop | [V] |
| Leakage current | [mA] |
| Real sensing range (Sr) | [mm] |
| Operating distance | [mm] |
| Switch-point drift | [% of Sr] |
| Hysteresis | [% of Sr] |
| Switching frequency | [Hz] |
| Ambient temperature | [°C] |
| Protection | |
| EMC | |
| MTTF | [Years] |
| Housing materials | |
| Function display | |
| Switching status | LED |
| Connection | |
| Weight | [kg] |
| Accessories (included) | |

| DC PNP/NPN | |
|-------------------------------------|--|
| normally open / closed programmable | |
| | 10...55 DC |
| | 300 |
| | 4 |
| | pulsed |
| | yes |
| | yes |
| | < 4.6 |
| | < 0.5 |
| | 4 ± 10 % |
| | 0...3.25 |
| | -10...10 |
| | 1...15 |
| | 1500 |
| | -25...80 |
| | IP 67 |
| EN 60947-5-2 | |
| EN 55011: | class B |
| | 1815 |
| | brass white bronze coated; active face: PC (polycarbonate) |
| | yellow |
| | M12 connector |
| | 0.031 |
| | 2 lock nuts |

Wiring

