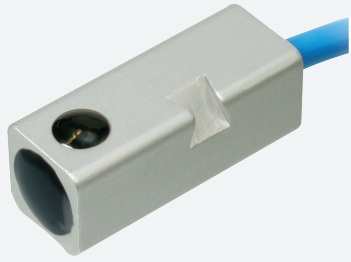


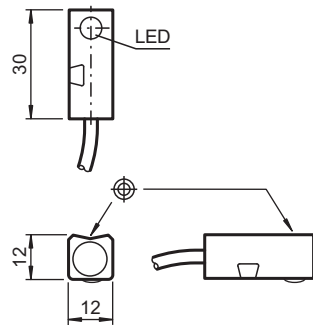
Magnetic field sensor

MJ35-F12-1N-5M

■ Comfort series



Dimensions



Technical Data

General specifications

| | | |
|----------------------------|-------|--------------------------|
| Switching function | | 2 x normally closed (NC) |
| Output type | | NAMUR |
| Rated operating distance | s_n | 35 mm |
| Installation | | flush |
| Assured operating distance | s_a | 0 ... 35 mm |
| Output type | | 2-wire |

Nominal ratings

| | | |
|---------------------------|-------|--------------------------------------|
| Nominal voltage | U_o | 8.2 V (R_i approx. 1 k Ω) |
| Switching frequency | f | 0 ... 1000 Hz |
| Current consumption | | |
| Magnet detected | | ≥ 3 mA |
| Magnet not detected | | ≤ 1 mA |
| Switching state indicator | | LED, yellow |

Compliance with standards and directives

| | | |
|---------------------|--|-------------------|
| Standard conformity | | |
| NAMUR | | EN 60947-5-6:2000 |

Release date: 2020-10-06 Date of issue: 2020-10-06 Filename: 044186_eng.pdf

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

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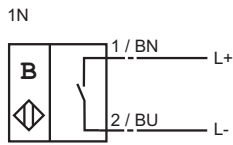
Singapore: +65 6779 9091
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PF PEPPERL+FUCHS

Technical Data

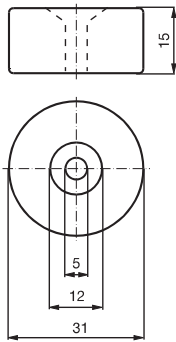
| | |
|-----------------------------------|---|
| Standards | EN 60947-5-2:2007 EN 60947-5-2/A1:2012 IEC 60947-5-2:2007 IEC 60947-5-2 AMD 1:2012 |
| Approvals and certificates | |
| ATEX approval | |
| Equipment protection level Gb | TÜV 01 ATEX 1718 |
| FM approval | |
| Control drawing | 116-0165 |
| Ambient conditions | |
| Ambient temperature | -25 ... 70 °C (-13 ... 158 °F) |
| Mechanical specifications | |
| Connection type | cable PVC , 5 m |
| Core cross-section | 0.34 mm ² |
| Housing material | anodized aluminum |
| Sensing face | PBT |
| Degree of protection | IP67 |
| General information | |
| Use in the hazardous area | see instruction manuals |

Connection

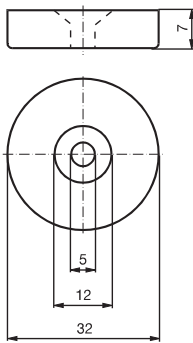


Additional Information

Magnet DM 60-31-15



Magnet DM 25-32-07



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