



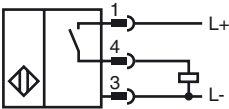
Model Number

NCB1,5-12GM130-E2-D-V1

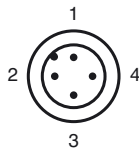
Features

- Operating pressure 500 bar, peak pressure 800 bar
- For applications in hydraulic cylinder

Connection



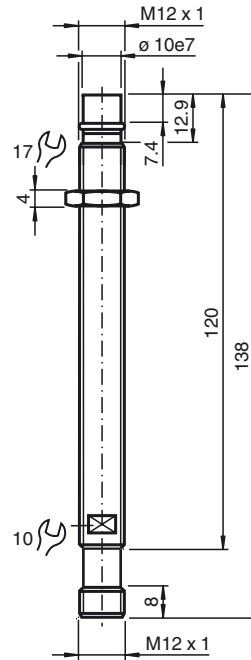
Pinout



Wire colors in accordance with EN 60947-5-2

| | | |
|---|----|---------|
| 1 | BN | (brown) |
| 2 | WH | (white) |
| 3 | BU | (blue) |
| 4 | BK | (black) |

Dimensions



Technical Data

General specifications

| | | | |
|----------------------------|-------|------------|----|
| Switching element function | | PNP | NO |
| Rated operating distance | s_n | 1.5 mm | |
| Installation | | embeddable | |
| Output polarity | | DC | |

Nominal ratings

| | | |
|----------------------------|-------|---------------|
| Operating voltage | U_B | 10 ... 30 V |
| Switching frequency | f | 0 ... 2000 Hz |
| Reverse polarity protected | | yes |
| Short-circuit protection | | yes |
| Voltage drop | U_d | ≤ 2 V |
| Operating current | I_L | 0 ... 200 mA |
| No-load supply current | I_0 | ≤ 10 mA |

Limit data

| | |
|--------------------------------|-----------------------|
| Operating pressure statically | 800 bar (11603.2 psi) |
| Operating pressure dynamically | 500 bar (7252 psi) |

Ambient conditions

| | |
|---------------------|--------------------------------|
| Ambient temperature | -25 ... 80 °C (-13 ... 176 °F) |
|---------------------|--------------------------------|

Mechanical specifications

| | |
|-------------------|--------------------------|
| Connection type | connector M12 x 1, 4-pin |
| Housing material | Stainless steel |
| Sensing face | Ceramic |
| Protection degree | IP68 |

Compliance with standards and directives

| | |
|---------------------|---|
| Standard conformity | |
| Standards | EN 60947-5-2:2007 IEC 60947-5-2:2007 |