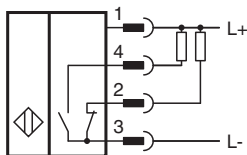


Technical Data

| | | |
|---|-----------|--|
| Short-circuit protection | | pulsing |
| Voltage drop | U_d | ≤ 2.5 V |
| Rated insulation voltage | U_{BIS} | 60 V |
| Operating current | I_L | 0 ... 250 mA |
| Off-state current | I_r | 0 ... 0.01 mA typ. 0.1 μ A at 25 °C |
| No-load supply current | I_0 | ≤ 15 mA |
| Switching state indicator | | LED, yellow |
| Functional safety related parameters | | |
| MTTF _d | | 1530 a |
| Mission Time (T _M) | | 20 a |
| Diagnostic Coverage (DC) | | 0 % |
| Compliance with standards and directives | | |
| Standard conformity | | |
| Standards | | EN IEC 60947-5-2 |
| Approvals and certificates | | |
| Protection class | | II |
| Rated insulation voltage | U_i | 60 V |
| Rated impulse withstand voltage | U_{imp} | 800 V |
| UL approval | | cULus Listed, General Purpose |
| CCC approval | | CCC approval / marking not required for products rated ≤ 36 V |
| Ambient conditions | | |
| Ambient temperature | | -25 ... 70 °C (-13 ... 158 °F) |
| Mechanical specifications | | |
| Connection type | | Connector plug |
| Housing material | | PA |
| Sensing face | | PA |
| Degree of protection | | IP67 |
| Connector | | |
| Threading | | M8 x 1 |
| Number of pins | | 4 |
| Tightening torque, fastening screws | | Threading M3 ≤ 1.1 Nm |
| Dimensions | | |
| Height | | 40 mm |
| Width | | 12 mm |
| Length | | 26 mm |

Connection



Connection Assignment



Wire colors in accordance with EN 60947-5-2

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