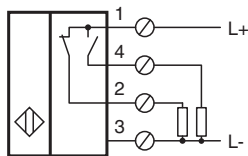


## Technical Data

|                                                 |       |                                                                                                                                            |
|-------------------------------------------------|-------|--------------------------------------------------------------------------------------------------------------------------------------------|
| Voltage drop                                    | $U_d$ | $\leq 3 \text{ V}$                                                                                                                         |
| Operating current                               | $I_L$ | 0 ... 200 mA                                                                                                                               |
| No-load supply current                          | $I_0$ | $\leq 20 \text{ mA}$                                                                                                                       |
| Time delay before availability                  | $t_v$ | $\leq 10 \text{ ms}$                                                                                                                       |
| Operating voltage indicator                     |       | LED, green                                                                                                                                 |
| Switching state indicator                       |       | LED, yellow                                                                                                                                |
| <b>Functional safety related parameters</b>     |       |                                                                                                                                            |
| MTTF <sub>d</sub>                               |       | 768 a                                                                                                                                      |
| Mission Time (T <sub>M</sub> )                  |       | 20 a                                                                                                                                       |
| Diagnostic Coverage (DC)                        |       | 0 %                                                                                                                                        |
| <b>Compliance with standards and directives</b> |       |                                                                                                                                            |
| Standard conformity                             |       |                                                                                                                                            |
| Standards                                       |       | EN 60947-5-2:2007<br>EN 60947-5-2/A1:2012<br>IEC 60947-5-2:2007<br>IEC 60947-5-2 AMD 1:2012                                                |
| <b>Approvals and certificates</b>               |       |                                                                                                                                            |
| UL approval                                     |       | cULus Listed, General Purpose                                                                                                              |
| CSA approval                                    |       | cCSAus Listed, General Purpose                                                                                                             |
| <b>Ambient conditions</b>                       |       |                                                                                                                                            |
| Ambient temperature                             |       | -25 ... 70 °C (-13 ... 158 °F)                                                                                                             |
| <b>Mechanical specifications</b>                |       |                                                                                                                                            |
| Connection type                                 |       | screw terminals                                                                                                                            |
| Information for connection                      |       | A maximum of two conductors with the same core cross section may be mounted on one terminal connection!<br>tightening torque 1.2 Nm + 10 % |
| Core cross-section                              |       | up to 2.5 mm <sup>2</sup>                                                                                                                  |
| Minimum core cross-section                      |       | without wire end ferrule 0.5 mm <sup>2</sup> , with connector sleeves 0.34 mm <sup>2</sup>                                                 |
| Maximum core cross-section                      |       | without wire end ferrule 2.5 mm <sup>2</sup> , with connector sleeves 1.5 mm <sup>2</sup>                                                  |
| Housing material                                |       | PBT                                                                                                                                        |
| Sensing face                                    |       | PBT                                                                                                                                        |
| Degree of protection                            |       | IP68                                                                                                                                       |

## Connection



## Accessories

|                                                                                     |               |                          |
|-------------------------------------------------------------------------------------|---------------|--------------------------|
|  | <b>MHW 01</b> | Modular mounting bracket |
|-------------------------------------------------------------------------------------|---------------|--------------------------|