



#### Electrical data:

|                                             |         |
|---------------------------------------------|---------|
| Connection                                  | Cable   |
| Rated operational voltage DC                | 24 DC V |
| Rated operational current (I <sub>e</sub> ) | 200 mA  |
| Time delay before availability              | 30 ms   |
| Electrical type                             | DC      |
| Utilization category                        | DC 13   |
| Hysteresis max (H)                          | 15 %    |
| Load capacitance max                        | 0,2 µF  |
| No-load supply current d.                   | = 25 mA |
| Off-state current max (I <sub>r</sub> )     | 80 µA   |
| Ripple of power supply                      | = 10 %  |
| Switching output                            | PNP     |
| Switching element function                  | NO      |
| Operating frequency (f)                     | 1000 Hz |
| Voltage drop static max                     | 2,5 V   |
| Supply voltage max DC (U <sub>B</sub> )     | 30 V    |
| Supply voltage min DC (U <sub>B</sub> )     | 10 V    |

#### Mechanical data:

|                               |                            |
|-------------------------------|----------------------------|
| Repeat accuracy max. (R)      | 5 %                        |
| Number of wires               | 3-wire                     |
| Rated operating distance (sn) | 1,5 mm                     |
| Diameter                      | M8x1 mm                    |
| Assured operating distance    | 0...1,2 mm                 |
| Cable code designation        | LIFY-11Y-O                 |
| Mounting                      | flush mountable            |
| Ambient temperature max       | +70 °C                     |
| Ambient temperature min       | -25 °C                     |
| Degree of pollution           | 3                          |
| Sensing face material         | Ceramic                    |
| Housing material              | corrosion resistance Steel |

#### General data:

|                                     |                           |
|-------------------------------------|---------------------------|
| Short circuit protected             | yes                       |
| Degree of protection IP             | IP67                      |
| Protected against polarity reversal | yes                       |
| Approval                            | CE,c_ul_us                |
| Features                            | pressure rated to 100 bar |

#### Wiring:

