

## Cylindrical Type

DC

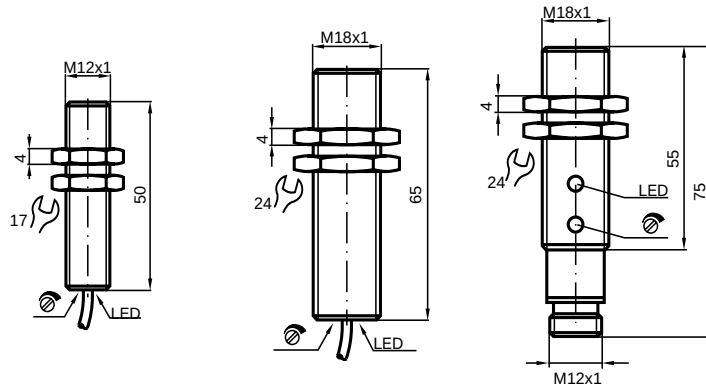
3-wire

Comfort series

4 mm embeddable

8 mm embeddable

The switching distance  
can be set over a wide  
range with the potentiometer



CE

| Rated operating distance $s_n$    | 4 mm                 | 8 mm                 | 8 mm                  |  |
|-----------------------------------|----------------------|----------------------|-----------------------|--|
| Installation                      | embeddable           | embeddable           | embeddable            |  |
| PNP Make function                 | <b>CJ4-12GM-E2</b>   | <b>CJ8-18GM-E2</b>   | <b>CJ8-18GM-E2-V1</b> |  |
| NPN Make function                 | <b>CJ4-12GM-E</b>    | <b>CJ8-18GM-E</b>    |                       |  |
| Assured operating distance $s_a$  | 0 ... 4 mm           | 0 ... 8 mm           | 0 ... 8 mm            |  |
| Operating voltage $U_B$           | 10 ... 35 V          | 10 ... 30 V          | 10 ... 35 V           |  |
| Operating current $I_L$           | 0 ... 200 mA         | 0 ... 300 mA         | 0 ... 300 mA          |  |
| Switching frequency $f$           | 100 Hz               | 100 Hz               | 100 Hz                |  |
| No-load supply current $I_0$      | 20 mA                | 20 mA                | 10 mA                 |  |
| Voltage drop $U_d$                | 3 V                  | 3 V                  | 3 V                   |  |
| Short circuit protection          | pulsing              | pulsing              | pulsing               |  |
| Polarity reversal protected       | yes                  | yes                  | yes                   |  |
| Indication of the switching state | LED, yellow          | LED, yellow          | LED, yellow           |  |
| EMC in accordance with            | EN 60947-5-2         | EN 60947-5-2         | EN 60947-5-2          |  |
| Ambient temperature               | -25 ... 70 °C        | -30 ... 70 °C        | -30 ... 70 °C         |  |
| Protection degree                 | IP65                 | IP67                 | IP67                  |  |
| Connection type                   | 2 m, PUR-cable       | 2 m, PVC-cable       | V1-connector          |  |
| Core cross-section                | 0,14 mm <sup>2</sup> | 0,25 mm <sup>2</sup> | -                     |  |
| Housing material                  | high grade steel     | high grade steel     | brass                 |  |
| Sensing face                      | PBT                  | PBT                  | PBT                   |  |

## Connection:

