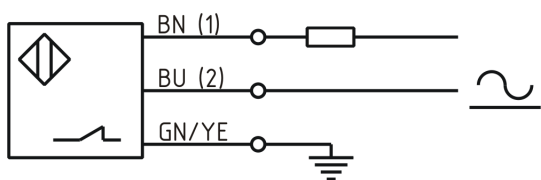


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| Product Description        |                                                                                                                                  | capacitive sensor AC/DC |  |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------|-------------------------|--|
| Name                       | SC20-M30MN80-VZÖ                                                                                                                 |                         |  |
| Order number               | 08323302080                                                                                                                      |                         |  |
| Switching distance         | 20 mm                                                                                                                            |                         |  |
| Mounting                   |  non shielded                                   |                         |  |
| Switch type                |  N.C.                                           |                         |  |
| Signal Type                | AC/DC                                                                                                                            |                         |  |
| Connection                 |  Cable                                          |                         |  |
| Connection diagramm        |                                                |                         |  |
| Dimension (in mm)          | fine-pitch thread M30 x 80                                                                                                       |                         |  |
| Technical Specification    |                                                                                                                                  |                         |  |
| Operating voltage          | 20 - 250 V AC/DC                                                                                                                 |                         |  |
| Min. load current          | 5 mA                                                                                                                             |                         |  |
| Max. load current          | 200 mA                                                                                                                           |                         |  |
| Leakage current            | ≤ 2,5 mA                                                                                                                         |                         |  |
| Switching hysteresis       | ≤ 15 %                                                                                                                           |                         |  |
| Operating temperature      | -25 ° C to 70 ° C                                                                                                                |                         |  |
| Temperature drift          | ≤ 1-15 %                                                                                                                         |                         |  |
| Repeat accuracy            | ≤ 1 %                                                                                                                            |                         |  |
| Switching state            | LED                                                                                                                              |                         |  |
| Digital output             |                                                                                                                                  |                         |  |
| Short-circuit proof        | yes                                                                                                                              |                         |  |
| Overload protection        | yes                                                                                                                              |                         |  |
| Reverse voltage protection | yes                                                                                                                              |                         |  |
| Protection category        | IP67                                                                                                                             |                         |  |
| EMC-level                  | DIN EN 60947-5-2:2008                                                                                                            |                         |  |
| Material active face       | PBT                                                                                                                              |                         |  |
| Termination                | 2m PVC 3x0,5mm²                                                                                                                  |                         |  |
| Notes                      | Netzfrequenz: 50/60Hz<br>Spannungsabfall: 10V DC / 8V AC<br>Kurzzeitstrom: 2,2A (20ms)<br>Max. Schaltfrequenz: AC 25Hz / DC 40Hz |                         |  |

**Errors and omissions exceptet**