



**SCHNEIDER SENZOR INDUCTIV DE PROXIMITATE XS, SENZOR INDUCTIV XS8  
 40X40X117, PBT, SN20 MM, 12...48 VDC, TERMINALE**

|   |   |
|---|---|
| <b>sensor type</b>                        | Inductive proximity sensor  |
| <b>device application</b>                 | Mobile equipment  |
| <b>sensor name</b>                        | XS8   |
| <b>sensor design</b>                      | Form 40 x 40 x 117  |
| <b>size</b>                               | 117 mm  |
| <b>body type</b>                          | Fixed   |
| <b>detector flush mounting acceptance</b> | Flush mountable   |
| <b>material</b>                           | Plastic   |
| <b>enclosure material</b>                 | PBT   |
| <b>type of output signal</b>              | Discrete  |
| <b>wiring technique</b>                   | 4-wire  |
| <b>[Sn] nominal sensing distance</b>      | 20 mm   |
| <b>discrete output function</b>           | 1 NO + 1 NC   |
| <b>output circuit type</b>                | DC  |
| <b>discrete output type</b>               | PNP   |
| <b>electrical connection</b>              | Screw-clamp terminals, 4 x 1.5 mm <sup>2</sup>  |
| <b>[Us] rated supply voltage</b>          | 12...48 V DC with reverse polarity protection   |
| <b>switching capacity in mA</b>           | <= 200 mA with overload and short-circuit protection  |
| <b>IP degree of protection</b>            | IP67 conforming to IEC 60529<br>IP65 conforming to IEC 60529<br>IP69K conforming to DIN 40050 |
|   | Complementary   |

|                                |  |
|--------------------------------|--|
| <b>safety level</b>            | SIL 2 conforming to EN/IEC 61508<br>PL = d conforming to EN/ISO 13849-1<br>SILCL 2 conforming to IEC 62061 |
| <b>safety reliability data</b> | MTTFd = 1546 years<br>PFHd = 7.4E-8 1/h<br>SFF = 92 %<br>DC = 75 % with appropriate safety controller      |
| <b>detection face</b>          | 5 positions turret head  |
| <b>front material</b>          | PBT  |
| <b>operating zone</b>          | 0...16 mm  |
| <b>differential travel</b>     | 3...15% of Sr  |
| <b>repeat accuracy</b>         | <= 3% of Sr  |
| <b>cable entry number</b>      | 1 tapped entry for Pg 13.5 cable gland   |
| <b>status LED</b>              | Supply on: 1 LED (green)<br>Output state: 1 LED (yellow)   |
| <b>supply voltage limits</b>   | 10...58 V DC   |
| <b>switching frequency</b>     | <= 300 Hz  |
| <b>maximum voltage drop</b>    |  |
| <b>current consumption</b>     | 0...15 mA no-load  |
| <b>maximum delay first up</b>  | 7.5 ms   |
| <b>maximum delay response</b>  | 1.2 ms   |
| <b>maximum delay recovery</b>  | 1.8 ms   |
| <b>marking</b>                 | CE   |
| <b>height</b>                  | 40 mm  |
| <b>length</b>                  | 40 mm  |
| <b>width</b>                   | 117 mm   |
| <b>net weight</b>              | 0.244 kg   |

#### Environment

|                               |                               |
|-------------------------------|-------------------------------|
| <b>product certifications</b> | CSA<br>UL<br>E2<br>CCC<br>TÜV |
|-------------------------------|-------------------------------|

**ambient air temperature for operation** -25...70 °C

**ambient air temperature for storage** -40...85 °C

Pret: 313,64 LEI (TVA inclus)

Detalii online: <https://www.materialelectrice.ro/senzor-inductiv-de-proximitate-xs-senzor-inductiv-xs8-40x40x117-pbt-sn20-mm-12-48-vdc-terminale>