

# XL-x

Art No: see table

## ExpertSystem XL

## Accessory parts for Sensors for pressure-sensitive edges

A pressure-sensitive edge according to EN ISO 13856-2 consists of a sensor and a safety switching device and its intended use is for pressure-sensitive protection systems. This datasheet provides technical data about accessory parts for sensors of the ExpertSystem XL family.

### Contact end piece

|   |                                 |
|---|---------------------------------|
| Designation / Art. No.                        | XL-CEP / 389111, 389113         |
| Weight  | 17 g/pc                         |
| Material, End piece body / Overmold / Sealant | ABS / PA / Butyl rubber         |
| Material, contact plates                      | CuSn6, gold plated              |
| Material, cable, connector                    | PVC                             |
| Cable, nominal cross section / Diameter       | 2 x 0,22 mm <sup>2</sup> / 4 mm |
| Cable length, with connector                  | 200 mm                          |
| Connector type                                | Female                          |

### End cap

|  |                                  |
|--|----------------------------------|
| Designation / Art. No. (Set of 2pcs) / suitable for sensortype | XL-C4224 / 424373 / XL-CP42A24x  |
|  | XL-C4930 / 409902 / XL-CP49A30x  |
|  | XL-C4936 / 409887 / XL-CP49A36x  |
|  | XL-C5630 / 436969 / XL-CP56A30x  |
|  | XL-CP56B30x                      |
|  | XL-C5636 / 437000 / XL-CP56A36x  |
|  | XL-CP56B36x                      |
|  | XL-C7430 / 409903 / XL-CP74A30x  |
|  | XL-C7436 / 409889 / XL-CP74A36x  |
|  | XL-C8036 / 437001 / XL-CP80A36x  |
| XL-CP80B36x  |                                  |
| Weight/pc: XL-C4224 / -C4930 / -C4936 / -C5630 / -C5636        | 15 g / 19 g / 20 g / 22 g / 24 g |
| XL-C7430 / -C7436 / -C8036 / -C9936                            | / 26 g / 27 g / 32 g / 37 g      |
| Material, cap / bracket  | EPDM / stainless steel 1.4310    |

### Resistor plug

|                        |                      |
|------------------------|----------------------|
| Connector type         | one connector – male |
| Designation / Art. No. | XL-RP8 / 389114      |
| Weight                 | 2 g                  |
| Material, body         | PVC                  |
| Resistor value         | 8.2 kOhm (0.6 W)     |

### Connection cable

|                                 |  |
|---------------------------------|--|
| Connector type                  | one connector – male<br>one open cable end, stripped |
| Designation / Art. No. / Length | XL-CC1 / 389119 / 1 m                                |
|                                 | XL-CC2 / 389120 / 2 m                                |
|                                 | XL-CC5 / 389121 / 5 m                                |
|                                 | XL-CC10 / 389122 / 10 m                              |
|                                 | XL-CC20 / 389123 / 20 m                              |

### Intermediate connection cable

|                                 |                           |
|---------------------------------|---------------------------|
| Connector type                  | two connectors – male     |
| Designation / Art. No. / Length | XL-IC0.2 / 398436 / 0.2 m |
|                                 | XL-IC1 / 389124 / 1 m     |
|                                 | XL-IC2 / 389125 / 2 m     |
|                                 | XL-IC3.5 / 396456 / 3.5 m |
|                                 | XL-IC5 / 389126 / 5 m     |
|                                 | XL-IC17 / 429645 / 17 m   |



**Extension cable**

|                                 |  |
|---------------------------------|--|
| Connector type                  | one connector - female<br>one connector - male |
| Designation / Art. No. / Length | XL-EC1 / 420769 / 1 m                          |

**Connection cable for XRF-TI**

|                                 |  |
|---------------------------------|--|
| Connector type                  | one connector - female<br>one open cable end, stripped |
| Designation / Art. No. / Length | XL-CCT11 / 411871 / 1 m                                |

**Common data for connectors and cables**

|  |                                 |
|--|---------------------------------|
| Connector system, type                 | 2 pin, screw locked             |
| Connector system, degree of protection | IP 67                           |
| Cable, nominal cross section, diameter | 2 x 0,22 mm <sup>2</sup> / 4 mm |
| Max. voltage / Load capacity           | 48 V ACDC / 1 A                 |
| Material, cable, connector             | PVC                             |
| Weight, cable per meter                | 25 g/m                          |
| Working and storage temperature        | -40°C to 80 °C                  |

**End plugs (set right/left) for mounting profiles, angled 20°**

|                                       |  |
|---------------------------------------|--|
| Designation / Art. No. / suitable for | XL-EP3020 / 411903 / XL-AP3020x<br>XL-EP3620 / 411902 / XL-AP3620x |
| Material / Color                      | EPDM / black   |

**Quick mount parts**

|  |                              |
|--|------------------------------|
| Quick mount Element: Designation / Art. No. / suitable for | XL-QME / 411987 / XL-APxQ    |
| Material   | Stainless steel              |
| Screw: Designation / Art. No. / suitable for               | XL-QFIX / 353017 / XL-QME    |
| Type / Size  | Self-drilling / 4.2 x 19 mm  |
| Head type  | Pan head, Phillips size 2    |
| Material / Finish  | Steel, hardened, zinc plated |

