

XL-x

Part No: various

ExpertSystem XL

Safety Edge / Accessory parts

This datasheet provides technical data about single parts of the ExpertSystem XL safety edge family. Safety edges (also called sensors) are part of pressure-sensitive edge systems according to EN ISO 13856-2. A pressure-sensitive edge system consists of a safety edge and a control unit and its intended use is for pressure-sensitive protection systems.

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 ² / 4 mm
Cable length, with connector	200 mm
Connector type	Female

End cap

Designation / Art. No. / suitable for	XL-C4930 / 409902 / XL-CP49A30x XL-C4936 / 409887 / XL-CP49A36x XL-C7430 / 409903 / XL-CP74A30x XL-C7436 / 409889 / XL-CP74A36x XL-C9936 / 409901 / XL-CP99A36x
Weight, XL-C4930 / -C4936 / -C7430 / C-7436 / C-9936	19 g / 20 g / 26 g / 27 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 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

Connection cable for XRF-TI

Connector type	one connector – female 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
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Connector system, degree of protection	IP 67
Cable, nominal cross section, diameter	2 x 0,22 mm ² / 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 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

