



PS116-Z12-STR-K210

- connector plug M12, right
- Thermoplastic enclosure
- Symmetric enclosure
- Protection class IP66, IP67
- Actuator heads can be repositioned by 8 x 45°

Data

Ordering data

Product type description	PS116-Z12-STR-K210
Article number (order number)	103040392
eCl@ss number, version 9.0	27-27-26-01
eCl@ss number, version 11.0	27-27-26-01
eCl@ss number, version 12.0	27-27-26-01
ETIM number, version 7.0	EC000030
ETIM number, version 6.0	EC000030

Approvals - Standards

Certificates	cULus CCC EAC
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General data

Standards	EN IEC 60947-5-1
Housing construction form	Norm construction design
Enclosure material	Plastic, glass-fibre reinforced thermoplastic, zinc die-cast, chromated

Material of the contacts, electrical	Silver
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Gross weight	1 g
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Safety classification

Standards	EN ISO 13849-1
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Mission time	20 Year(s)
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Safety classification - Safety outputs

B _{10D} Normally-closed contact (NC)	20,000,000 Operations
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Mechanical data

Actuating element	Offset roller lever K210
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Mechanical life, minimum	10,000,000 Operations
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Actuating force, minimum	11 N
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Positive break force, minimum	40 N
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Actuating speed, maximum	1 m/s
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Actuating torque, minimum	0.2 Nm
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Positive break torque	0.6 Nm
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Mechanical data - Dimensions

Length of sensor	16.6 mm
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Width of sensor	31 mm
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Height of sensor	79 mm
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Diameter of Castor	14 mm
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Ambient conditions

Degree of protection	IP67 IP66
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Ambient temperature, minimum	-30 °C
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Ambient temperature, maximum	+80 °C
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Ambient conditions - Insulation values

Rated insulation voltage U_i	300 V
Rated impulse withstand voltage U_{imp}	4 kV

Electrical data

Thermal test current	5 A
Required rated short-circuit current to EN 60947-5-1	400 A
Utilisation category AC-15	240 VAC
Utilisation category AC-15	1.5 A
Utilisation category DC-13	24 VDC
Utilisation category DC-13	1.5 A
Bounce duration, maximum	3 ms
Switching frequency	5,000 /h

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The details and data referred to have been carefully checked. Images may diverge from original. Further technical data can be found in the manual. Technical amendments and errors possible.

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