



PS116-Z12-STR-S200

- connector plug M12, right
- Snap action 1 Normally open contact (NO) / 2 Opener (NC)
- Thermoplastic enclosure
- Symmetric enclosure
- Protection class IP66, IP67

Data

Ordering data

Product type description	PS116-Z12-STR-S200
Article number (order number)	103006626
EAN (European Article Number)	4030661442570
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
Terminal (mechanical)	right

Housing construction form	Norm construction design
Actuator type to DIN EN 50047	B
Enclosure material	Plastic, glass-fibre reinforced thermoplastic, zinc die-cast, chromated
Material of the contacts, electrical	Silver
Gross weight	250 g

General data - Features

Safety functions	Yes
Number of auxiliary contacts	1
Number of safety contacts	2

Safety classification

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

Safety classification - Safety outputs

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

Actuating element	plunger S200
Mechanical life, minimum	10,000,000 Operations
Actuating force, minimum	10 N
Positive break force, minimum	40 N
Actuating speed, minimum	10 mm/min
Actuating speed, maximum	0.5 m/s

Mechanical data - Connection technique

Termination	Connector M12, 6-pole
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Wire cross-section	0.5 mm ²
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Mechanical data - Dimensions

Length of sensor	16.6 mm
Width of sensor	31 mm
Height of sensor	64 mm

Ambient conditions

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

Ambient conditions - Insulation values

Rated insulation voltage U_i	30 V
Rated impulse withstand voltage U_{imp}	0.8 kV

Electrical data

Thermal test current	2 A
Required rated short-circuit current to EN 60947-5-1	1,000 A
Utilisation category AC-15	240 VAC
Utilisation category DC-13	24 VDC
Utilisation category DC-13	1.5 A
Switching element	NO contact, NC contact
Switching principle	Snap action
Bounce duration, maximum	3 ms
Switching frequency	5,000 /h
Switchover time, maximum	5.5 ms

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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.

