



General information



The user must observe the country-specific installation standards as well as all prevailing safety regulations and accident prevention rules.

Technical data

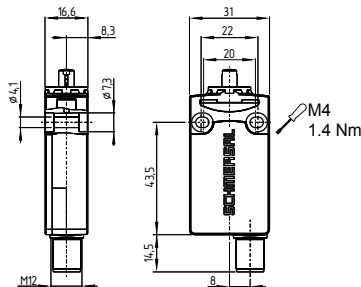
Standards:	IEC 60947-5-1
Protection class:	IP66, IP67 to IEC 60529
Protection rating:	II, □
Degree of pollution:	3
Ambient temperature:	-30 °C ... +80 °C
Electrical data:	
Utilisation category:	AC-15, DC-13
Rated operating current/voltage I _e /U _e :	
- Connecting cable, 4-/6-core:	3 A / 240 VAC, 1.5 A / 24 VDC
- Connector plug M12, 4-pole:	1.5 A / 240 VAC, 1.5 A / 24 VDC
- Connector plug M12, 6-pole:	1.5 A / 24 VDC
Rated impulse withstand voltage U _{imp} :	
- Connecting cable, 4-/6-core:	4 kV
- Connector plug M12, 4-pole:	2.5 kV
- Connector plug M12, 6-pole:	0.8 kV
Rated insulation voltage U _i :	
- Connecting cable, 4-/6-core / Connector plug M12, 4-pole:	300 V
- Connector plug M12, 6-pole:	30 V
Thermal test current I _{the} :	
- Connecting cable, 4-/6-core:	5 A
- Connector plug M12 4-pole:	2.5 A
- Connector plug M12 6-pole:	2 A
Max. fuse rating:	6 A gG D-fuse
Required short-circuit current:	400 A
B _{10D} to ISO 13849-1:	
- NC contact:	20,000,000
- NO contact (at 10% ohmic contact load):	1,000,000



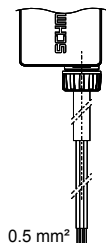
Further technical information along with the latest applicable declaration of conformity can be found in the Schmersal catalogues or in the online catalogue on the Internet: www.schmersal.net.

Dimensions and mounting

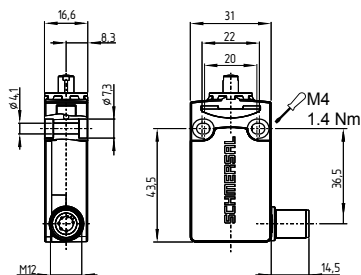
PS116-...-ST-S200



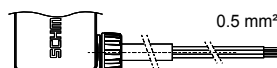
PS116-...-L200-S200



PS116-...-STR-S200

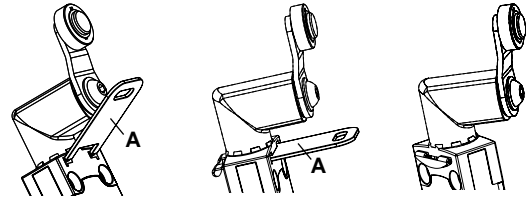


PS116-...-LR200-S200



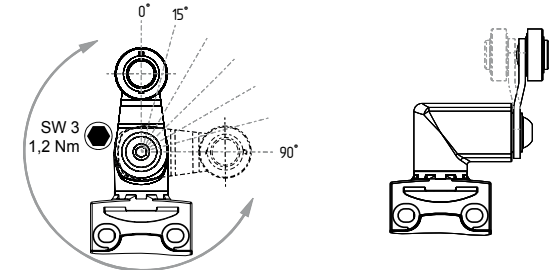
All measurements in mm.

Actuation attachment (adjustable in increments of 45°)



A - Tool ACC-PS116-1 (103007614) available as accessory

Offset roller lever



Contact variants



The electrical connection may only be carried out by authorised personnel in a de-energised condition.

Details of the cable colours for the wiring version, pin assignment of the versions with connector plug shown in brackets.

All NC contacts have positive break ⊖.

Slow action

Snap action

1 NO contact/ (3) BN 11 → 12 PK (4) (3) BN 13 → 14 PK (4)
1 NC contact (1) YE 23 → 24 WH (2) (1) YE 21 → 22 WH (2)

1 NO contact/ (5) BN 11 → 12 PK (6) (5) BN 13 → 14 PK (6)
2 NC contacts (1) GN 21 → 22 GY (2) (1) GN 21 → 22 GY (2)
(3) YE 33 → 34 WH (4) (3) YE 31 → 32 WH (4)

2 NC contacts (3) BN 11 → 12 PK (4) (3) GN 11 → 12 GY (4)
(1) GN 21 → 22 GY (2) (1) YE 21 → 22 WH (2)

2 NO contacts (3) GN 13 → 14 GY (4)
(1) YE 23 → 24 WH (2)

3 NC contacts (5) BN 11 → 12 PK (6)
(1) GN 21 → 22 GY (2)
(3) YE 31 → 32 WH (4)

2 NO contacts/ (5) BN 11 → 12 PK (6)
1 NC contact (1) GN 23 → 24 GY (2)
(3) YE 33 → 34 WH (4)

Connector 4-pole



6-pole



Disposal

The switch must be disposed of in an appropriate manner in accordance with the national prescriptions and legislations.

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