


## PS116-T11-STR-H200

- **Symmetric enclosure**
- **Thermoplastic enclosure**
- **connector plug M12, right**
- **Protection class IP66, IP67**
- **Lever angle adjustable in 15° steps**
- **Actuator heads can be repositioned by 8 x 45°**
- **Slow action 1 Normally open contact (NO) / 1 Opener (NC)**

**Data**

| | |
|---|---|
| **Ordering data** | |
| | PS116-T11-STR-H200 |
| | 103006624 |
| EAN (European Article Number) | 4030661442556 |
| eCl@ss number, Version 9.0 | 27-27-26-01 |
| **Approval - Standards** | |
| | cULus<br>CCC<br>EAC |
| **General data** | |
| Product name | PS116 roller lever H200 |
| | IEC 60947-5-1 |
| Terminal (mechanical) | right |
| Housing construction form | Norm construction design |
| Actuator type to DIN EN 50047 | A |
| Enclosure material | Plastic, glass-fibre reinforced thermoplastic, zinc die-cast, chromated |
| Material of the contacts, electrical | Silver |
| Gross weight | 110.6 g |

| | |
|---|---|
| **General data - Features** | |
| Safety functions | Yes |
| Number of auxiliary contacts | 1 |
| Number of safety contacts | 1 |
| **Safety appraisal** | |
| | ISO 13849-1 |
| Mission Time | 20 Year(s) |
| **Safety appraisal - Safety outputs** | |
| B10d Normally-closed contact (NC) | 20,000,000 Operations |
| **Mechanical data** | |
| Actuating element | Roller lever H200 |
| Mechanical life, minimum | 10,000,000 Operations |
| Actuating speed, minimum | 492 mm/min |
| Actuating speed, maximum | 1 m/s |
| Actuating torque, minimum | 0.2 Nm |
| Positive break torque | 0.6 Nm |
| **Mechanical data - Connection technique** | |
| Terminal Connector | Connector M12, 4-pole |
| **Mechanical data - Dimensions** | |
| Height of sensor | 101 mm |
| Length of sensor | 16.6 mm |
| Width of sensor | 31 mm |
| Diameter of Castor | 16 mm |
| Length of the lever | 24 mm |
| **Ambient conditions** | |
| | IP66<br>IP67 |
| Ambient temperature, minimum | -30 °C |
| Ambient temperature, maximum | +80 °C |
| **Ambient conditions - Insulation value** | |
| Rated impulse withstand voltage | 2.5 kV |

## Electrical data

| | |
|---|---|
| Thermal test current | 2.5 A |
| Required rated short-circuit current to EN 60947-5-1 | 1,000 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 |
| Switching element | NO contact, NC contact |
| Switching principle | Creep circuit element |
| Bounce duration, maximum | 3 ms |
| Switching frequency | 5,000 /h |
| Switchover time, maximum | 5.5 ms |

## Ordering code

Product type description:

PS116-(1)-(2)-(3)-(4)

(1)

**Z11** Snap action 1 NO contact / 1 NC contact
**Z02** Snap action 2 NC contacts
**Z12** Snap action 1 NO contact / 2 NC contact
**Z11R** Snap action 1 NO contact / 1 NC contact with latching
**Z02R** Snap action 2 NC contacts with latching
**Z12R** Snap action 1 NO contact / 2 NC contact with latching
**T11** Slow action 1 NO contact / 1 NC contact
**T02** Slow action 2 NC contacts
**T20** Slow action 2 NO contact
**T12** Slow action 1 NO contact / 2 NC contact
**T21** Slow action 2 NO contact / 1 NC contact
**T03** Slow action 3 NC contacts
**T11UE** Slow action 1 NO contact / 1 NC contact with overlapping contacts
**T02H** Slow action 2 NC contacts with staggered contacts

(2)

**L200** Connecting cable bottom, cable length 2 m
**LR200** Connecting cable right, cable length 2 m
**ST** Connector plug M12 - plastic - bottom
**STR** Connector plug M12, right

(3)

**S200** plunger S200 Ø 6 mm

**R200** Roller plunger R200

**K200** Offset roller lever - plastic roller- width 5.3 mm - Ø 12 mm

**K210** Offset roller lever - plastic roller- width 5mm - Ø 14mm

**K230** Angle roller lever - plastic roller Ø 14 mm

**K240** Angle roller lever with plastic roller Ø 22 mm - right-bent

**K250** Angle roller lever with plastic roller Ø 22 mm - left-bent

**H200** Roller lever - plastic roller Ø 16 m - lever length 24 mm

**N200** Roller lever 2 mm Toothing (24...26mm) - Plastic roller Ø 20 mm - Width 9.8 mm

**J200** Rod lever - plastic - 200mm -Ø 6mm

(4)

**0** Material Castor/Lever: Plastic

**1** Material Castor/Lever: Stainless steel

**2** Material Castor/Lever: Brass

**3** Material Castor/Lever: Aluminium

**4** Material Castor/Lever: Steel

**Pictures**

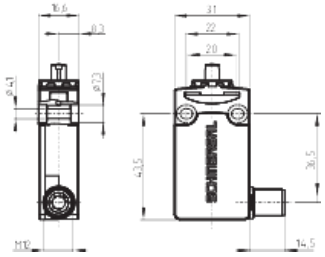
**Photo/Product/Catalogue**




ID: kps1hf03

| 45,0 kB | .png | 74.083 x 105.481 mm - 210 x 299 Pixel - 72 dpi
| 634,3 kB | .jpg | 352.778 x 502.356 mm - 1000 x 1424 Pixel - 72 dpi

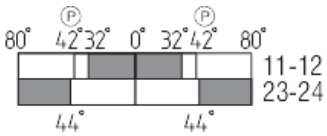
**Dimension/Product/Basic**



ID: kps11g01

| 132,8 kB | .jpg | 352.778 x 279.047 mm - 1000 x 791 Pixel - 72 dpi
| 4,8 kB | .png | 74.083 x 58.561 mm - 210 x 166 Pixel - 72 dpi

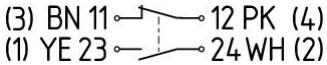
**Diagramm/Product/Travel**




ID: kps11s58

| 2,1 kB | .png | 74.083 x 30.339 mm - 210 x 86 Pixel - 72 dpi
| 69,1 kB | .jpg | 352.778 x 144.639 mm - 1000 x 410 Pixel - 72 dpi

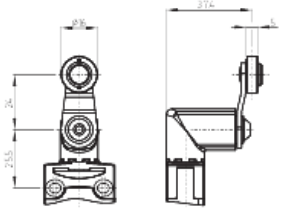
**Graphic/Product/Contact**




ID: kps16k06

| 1,3 MB | .cdr |
| 52,0 kB | .jpg | 352.778 x 64.206 mm - 1000 x 182 Pixel - 72 dpi

**Dimension/Product/Actuator**



ID: kps11b09

| 132,3 kB | .jpg | 352.778 x 267.406 mm - 1000 x 758 Pixel - 72 dpi
| 4,4 kB | .png | 74.083 x 59.267 mm - 210 x 168 Pixel - 72 dpi

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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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