



PS116-Z12-STR-K210

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

Data

Ordering data

PS116-Z12-STR-K210
103040392

General data

	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
Gross weight	1 g

Safety appraisal

	ISO 13849-1
Mission Time	20 Year(s)

Mechanical data

Actuating element	Offset roller lever K210
Mechanical life, minimum	10,000,000 Operations
Actuating force, minimum	11 N
Positive break force, minimum	40 N

Mechanical data - Dimensions

Height of sensor	79 mm
Length of sensor	16.6 mm

Width of sensor	31 mm
Diameter of Castor	14 mm

Ambient conditions

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

Ambient conditions - Insulation value

Rated impulse withstand voltage	4 kV
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Electrical data

Thermal test current	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 frequency	5,000 /h

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 mm - 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

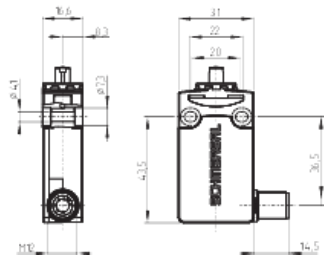


ID: kps1kf10

| 583,4 kB | .jpg | 352.778 x 460.022 mm - 1000 x 1304 Pixel - 72 dpi

| 38,9 kB | .png | 73.731 x 96.308 mm - 209 x 273 Pixel - 72 dpi

Dimension/Product/Basic

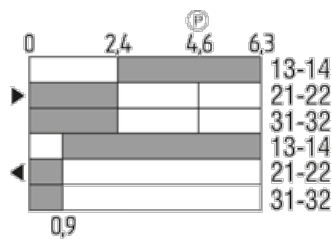


ID: kps11g01

| 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

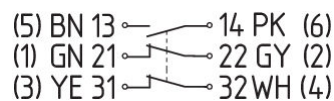


ID: kps11s89

| 88,0 kB | .jpg | 254 x 181.356 mm - 1000 x 714 Pixel - 100 dpi

| 5,7 kB | .png | 74.083 x 52.917 mm - 210 x 150 Pixel - 72 dpi

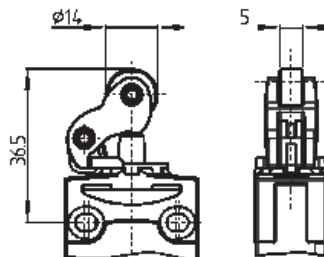
Graphic/Product/Contact



ID: kps16k03

| 85,8 kB | .jpg | 352.778 x 97.367 mm - 1000 x 276 Pixel - 72 dpi

Dimension/Product/Actuator



ID: kps11b05

| 3,8 kB | .png | 74.083 x 59.267 mm - 210 x 168 Pixel - 72 dpi

| 171,7 kB | .jpg | 352.778 x 281.869 mm - 1000 x 799 Pixel - 72 dpi

K.A. Schmersal GmbH & Co. KG, Möddinghofe 3, D-42279 Wuppertal

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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