



EN Operating instructions. page 1
Original

Application

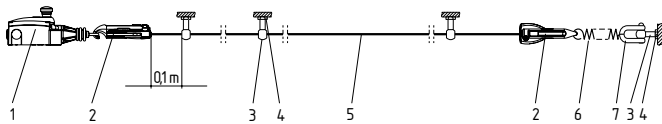
The rope tensioner S 900 is used for pull-wire switches for simple and time-saving adjustment of the wire rope tension.

Mounting

The installation may only be carried out by authorised personnel. The component must be fitted so that the entire length of the wire can be viewed from the position of the switch. The diameter of the pendant destined to engage the wire tensioner must be 5 - 6 mm. (eventually, a shackle can be used as adapter.)

The screw of the clamping block is tensioned to fix the rope. The required wire rope tension (refer to the position indicator on the pull-wire switch) is obtained by rotating the front screw.

Components

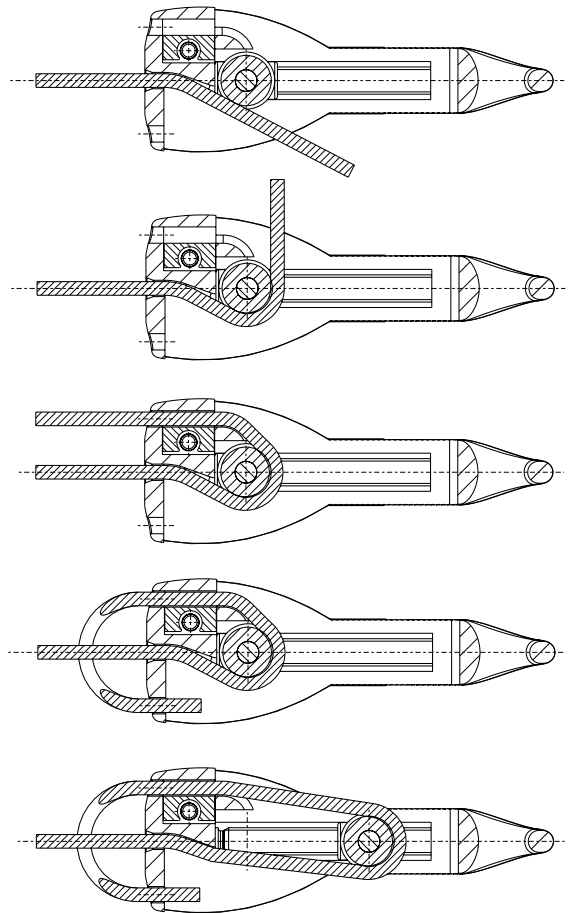


- 1 Pull-wire switches
- 2 S 900 wire tensioner
- 3 Eyebolt
- 4 Nut
- 5 Pull-wire with red PVC sheath Ø 5 mm (steel core: Ø 3 mm)
- 6 Tension spring
- 7 Shackle



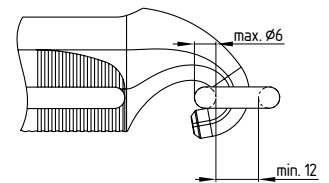
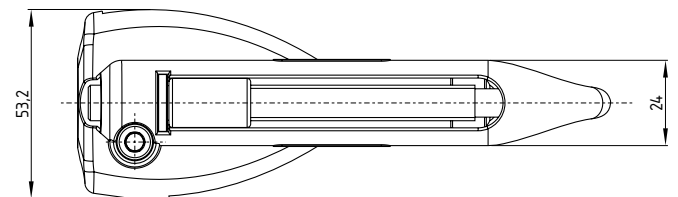
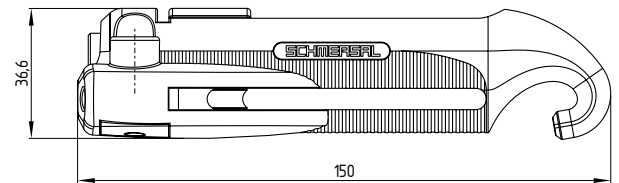
Depending on the pull-wire switches, wire supports are necessary every 3 - 5 meters. To prevent resonance vibrations of the wire on machinery that has considerable vibrations, it is a good idea to have the supports at varying distances. Only straight sections should be used for the wire.

Tensioning the wire rope in the rope tensioner



Dimensions

All measurements in mm.



K.A. Schmersal GmbH & Co. KG
Möddinghofe 30, D - 42279 Wuppertal
Postfach 24 02 63, D - 42232 Wuppertal

Phone +49-(0)202-6474-0
Telefax: +49-(0)202-6474-100
E-Mail: info@schmersal.com
Internet: <http://www.schmersal.com>

Production site:

ACE Schmersal

Eletroeletrônica Industrial Ltda.

Av. Brasil, nº 815

Jardim Esplanada – CEP: 18550-000, Boituva – SP

Brazil

Phone +55-(0)15-3263-9866

Fax +55-(0)15-3263-9890

E-Mail: vendas@schmersal.com.br

Internet: <http://www.schmersal.com.br>