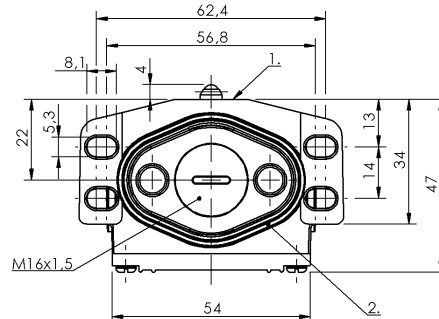
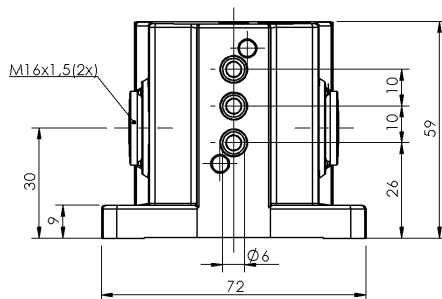


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1) Reference edge 2) Sealing ring



Display/Operation

Function indicator 1-3. Switch position: None

Electrical connection

Connection type 1-3. Switch position: Screw terminal

Electrical data

Continuous current 1-3. Switch position: 5 A
 Rated operating voltage U_e 1-3. Switch position: 250 VAC
 Switching function mechanical Single-pin changeover
 Switching rate 1-3. Switch position: 200/min

Environmental conditions

Ambient temperature -5...85 °C
 Ambient temperature max. 85 °C
 Ambient temperature min. -5 °C
 Protection type IEC 60529 IP67

Functional safety

B10d BSE 70.1: 10 mil. switching cycles
 Diagnostic coverage 0.0 %
 Functional safety no
 Mission Time 20 a

General data

Approval/Conformity CE
 CCC
 CSA
 Basic standard IEC 60947-5-1
 Operating principle 1-3. Switch position: Mechanical
 Version Snap contact

Material

Housing material Aluminum
 Material contacts 1-3. Switch position: Silver
 Plunger material 1-3. Switch position: 1.4034
 Surface protection Anodized

Mechanical data

Approach direction longitudinal, parallel to attachment surface
 Approach speed 1-3. Switch position: 9 m/min
 Dimension 72 x 59 x 47 mm
 Distance cam - reference edge 1-3. Switch position: 2.30... 2.80 mm
 Flange, feed-through 1 threaded exit M16
 Installation Vertical
 Life expectancy mechanical 1-3. Switch position: 10 mil. switching operations
 Number of switching positions 3x Ball
 Plunger spacing 1st switch position 26 mm
 Switch actuation force 1-3. Switch position: 8 N
 Switching element 1-3. Switch position: BSE 70.1

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Range/Distance

Reproducibility	1-3. Switch position: ± 0.03 mm
Switch position spacing	10 mm

Specification of the MTTF value and the B10d value do not represent any binding quality and/or life expectancy guarantees.

Note that the products listed here are not themselves safety components according to the Machine Directive 2006/42/EG Article 2 c. It is however possible to create corresponding structures with a high Performance Level per EN 13849-1 by means of two-channel utilization.

Wiring Diagramm

