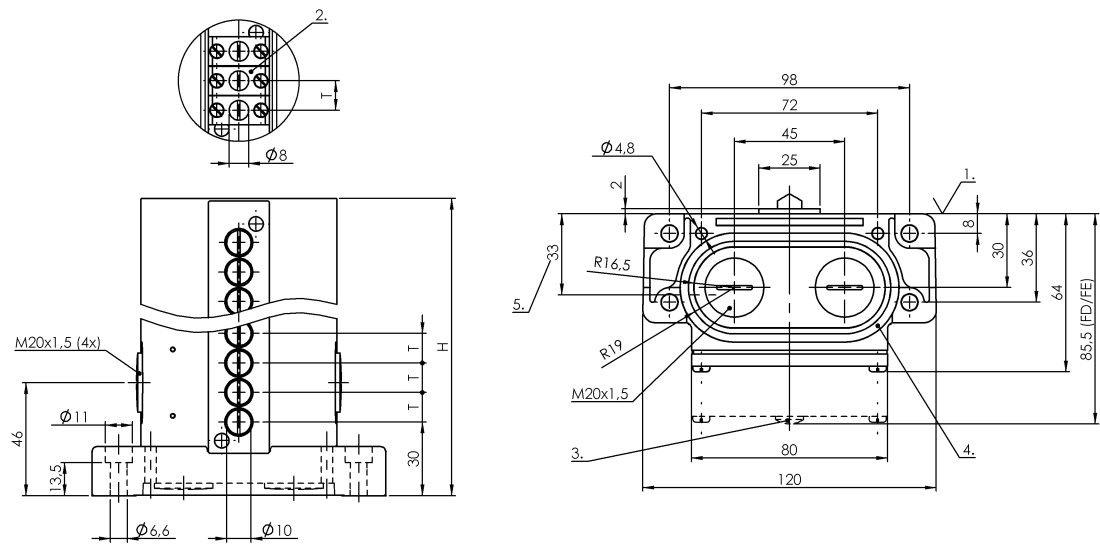




1) Reference edge, 2) Anti-crystallization plunger, 3) Function indicator FD/FE/LL, 4) Sealing ring, 5) Cable passage



Display/Operation

Function indicator 1-8. Switch position: None

Electrical connection

Connection type 1-8. Switch position: Screw terminal

Electrical data

Continuous current 1-8. Switch position: 6 A
Rated operating voltage Ue 1-8. Switch position: 250 V AC
Switching rate 1-8. Switch position: 300/min

Environmental conditions

Ambient temperature -5...85 °C
IP rating IP67

General data

Approval/Conformity CE
WEEE
Operating principle 1-8. Switch position: Mechanical
Version Snap contact

Material

Housing material Aluminum
Housing material, surface protection Anodized
Material contacts 1-8. Switch position: Silver, gold plated
Plunger material 1-8. Switch position: Stainless steel (1.4034)

Mechanical data

Approach direction longitudinal, parallel to attachment surface
Approach speed 1-8. Switch position: 30 m/min
Dimension 120 x 130 x 64 mm
Distance cam - reference edge 1-8. Switch position: 4.50...5.00 mm
Flange, feed-through 2 threaded exit M20
Installation Vertical
Life expectancy mechanical 1-8. Switch position: 30 million Switching operations
Number of switching positions 8x E-Chisel
Plunger spacing 1st switch position 30 mm
Plunger style 1-8th switch position: E-chisel
Switch actuation force 1-8. Switch position: 20 N
Switching element 1-8. Switch position: BSE 30.0

Range/Distance

Reproducibility 1-8. Switch position: ±0.002 mm
Switch position spacing 12 mm