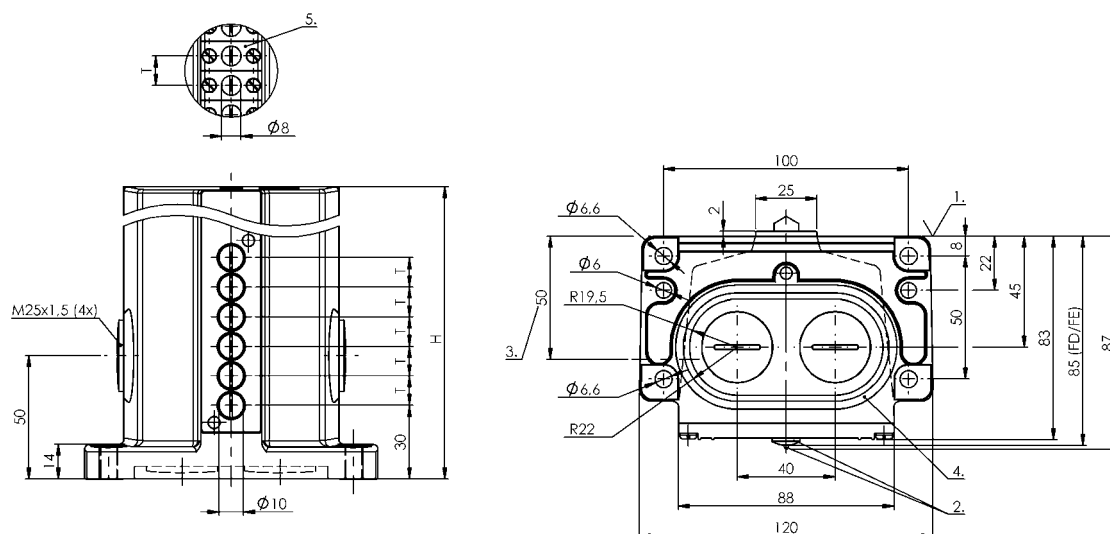




1) Reference edge, 2) Function indicator FD/FE/LL, 3) Cable passage, 4) Sealing ring, 5) Anti-crystallization plunger



Basic features

DIN switch	DIN 43697
Operating principle	1-5. Switch position: Mechanical

Display/Operation

Function indicator 1-5. Switch position: None

Electrical connection

Connection type	1-5. Switch position: Screw terminal
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Electrical data

Continuous current	1-5. Switch position: 6 A
Rated operating voltage Ue	1-5. Switch position: 250 V AC
Switching rate	1-5. Switch position: 300/min

Environmental conditions

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

Material

Housing material	Aluminum, Anodized
Housing material, surface protection	Anodized
Material contacts	1-5. Switch position: Silver, gold plated
Plunger material	1-5. Switch position: Stainless steel (1.4034)

Mechanical data

Approach direction	longitudinal, parallel to attachment surface
Approach speed	1-5. Switch position: 40 m/min
Distance cam - reference edge	1-5. Switch position: 4.50...5.00 mm
Flange, feed-through	2 threaded exit M25
Installation	Vertical
Life expectancy mechanical	1-5. Switch position: 30 million Switching operations
Number of switching positions	5x Chisel Mechanical
Plunger style	1-5. switch position: Chisel 1-5. switch position: Chisel
Switch actuation force	1-5. Switch position: 20 N
Switching element	1-5. Switch position: BSE 30.0

Range/Distance

Reproducibility 1-5. Switch position: ± 0.002 mm

Wiring Diagrams

BSE 30.0

