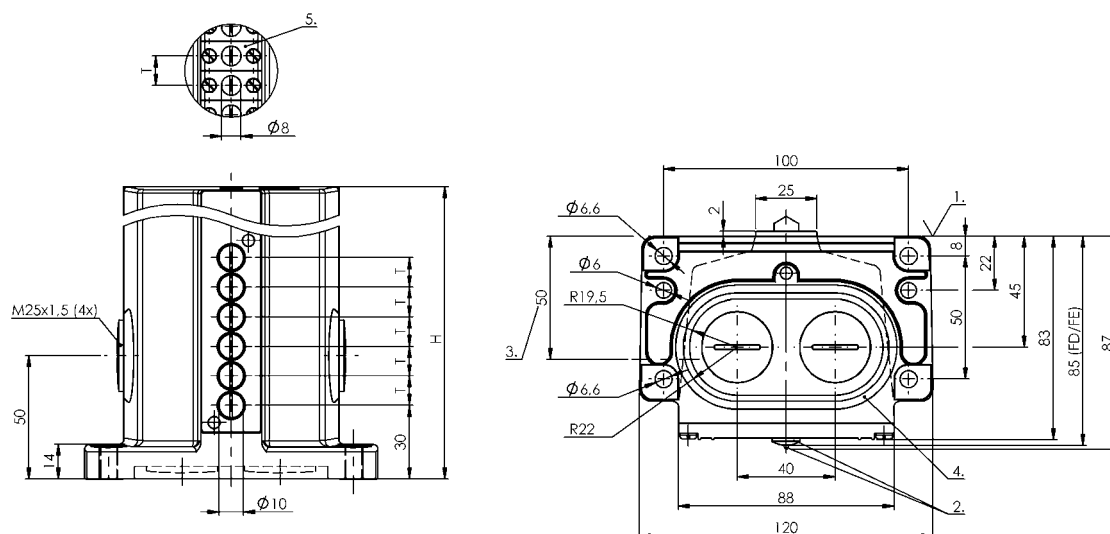




- 1) Reference edge, 2) Function indicator FD/FE/LL, 3) Cable passage, 4) Sealing ring, 5) Anti-crystallization plunger



Basic features

DIN switch	DIN 43697
Operating principle	1-4. Switch position: Mechanical

Display/Operation

Function indicator 1-4. Switch position: FD - 6...60 V

Electrical connection

Connection	1 1/8"-Flange male, 12-pin
Connection type	1. Switch position: Connector

Electrical data

Continuous current	1-4. Switch position: 6 A
Rated operating voltage Ue	1-4. Switch position: 250 V AC
Switching rate	1-4. Switch position: 300/min

Environmental conditions

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

Material

Housing material	Aluminium, Anodized
Housing material, surface protection	Anodized
Material contacts	1-4. Switch position: Silver, gold plated
Plunger material	1-4. Switch position: 1.4034 stainless steel

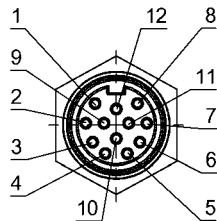
Mechanical data

Approach direction	longitudinal, parallel to attachment surface
Approach speed	1-4. Switch position: 40 m/min
Dimension	120 x 90 x 85 mm
Distance cam - reference edge	1-4. Switch position: 4.50...5.00 mm
Flange, feed-through	2 threaded exit M25
Installation	Vertical
Life expectancy mechanical	1-4. Switch position: 30 mil. switching operations
Number of switching positions	4x Chisel Mechanical
Plunger spacing 1st switch position	30 mm
Plunger style	1-4th switch position: Chisel 1-4th switch position: Chisel
Switch actuation force	1-4. Switch position: 20 N
Switching element	1-4. Switch position: BSE 30.0

Range/Distance

Reproducibility	1-4. Switch position: ± 0.002 mm
Switch position spacing	12 mm

Connector Drawings



View of connector side

Wiring Diagrams

