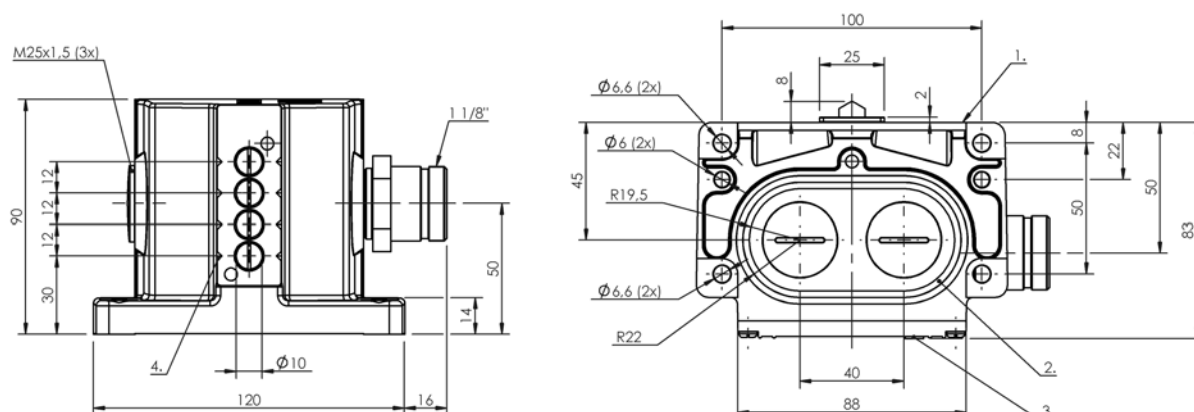




1) Reference edge, 2) Sealing ring, 3) Function indicator FC, 4) Mark. Safety switch position



Basic features

Approval/Conformity	CE UKCA WEEE
Basic standard	IEC 60947-5-1
DIN switch	DIN 43697
Operating principle	1-4. Switch position: Mechanical
Version	Safety EN 60204-1

Display/Operation

Function indicator	1-4. Switch position: FC - 6...24 V
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Electrical connection

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

Electrical data

Continuous current	1-4. Switch position: 5 A
Rated operating voltage Ue	1-4. Switch position: 24 V DC
Switching function mechanical	One NO and one NC galvanically isolated Normally open with snap funct. Double-interrupting NC forced-opening per VDE Dual changeover
Switching rate	1-4. Switch position: 160/min

Environmental conditions

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

Functional safety

B10d (EN ISO 13849-1) BSE 85: 1 mil. switching cycles

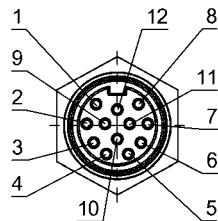
Material

Housing material	Aluminium, Anodized
Housing material, surface protection	Anodized
Material contacts	1-4. Switch position: Silver
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
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: 1 mil. switching operations
Number of switching positions	4x Chisel Mechanical
Plunger style	1-4th switch position: Chisel
Switch actuation force	1-4. Switch position: 30 N
Switching element	1-4. Switch position: BSE 85

Connector Drawings



View of connector side

Wiring Diagrams

