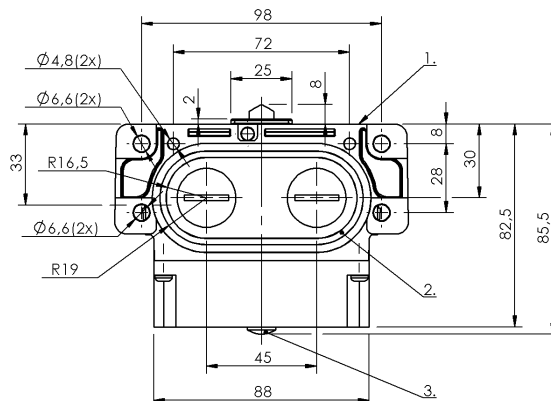




CE CCC UK
CA

Functional safety

B10d (EN ISO 13849-1) BSE 30.0: 30 mil. switching cycles

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

Display/Operation

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

Electrical connection

Connection type	1-4. Switch position: Screw terminal
-----------------	--------------------------------------

Electrical data

Continuous current	1-4. Switch position: 6 A
Rated operating voltage Ue	1-4. Switch position: 250 V AC
Switching function mechanical	Double-interrupting galvanically isolated One NO and one NC Dual changeover
Switching rate	1-4. Switch position: 300/min

Environmental conditions

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

Mechanical data

Approach direction	longitudinal, parallel to attachment surface
Approach speed	1-4. Switch position: 10 m/min
Dimension	120 x 96 x 85.5 mm
Distance cam - reference edge	1-4. Switch position: 4.50...5.00 mm
Flange, feed-through	2 threaded exit M20
Installation	Vertical
Life expectancy mechanical	1-4. Switch position: 30 mil. switching operations
Number of switching positions	4x Ball Mechanical
Plunger spacing 1st switch position	30 mm
Plunger style	1-4th switch position: Ball
Switch actuation force	1-4. Switch position: 20 N
Switching element	1-4. Switch position: BSE 30.0

Range/Distance

Reproducibility
Switch position spacing

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

Wiring Diagrams

BSE 30.0

