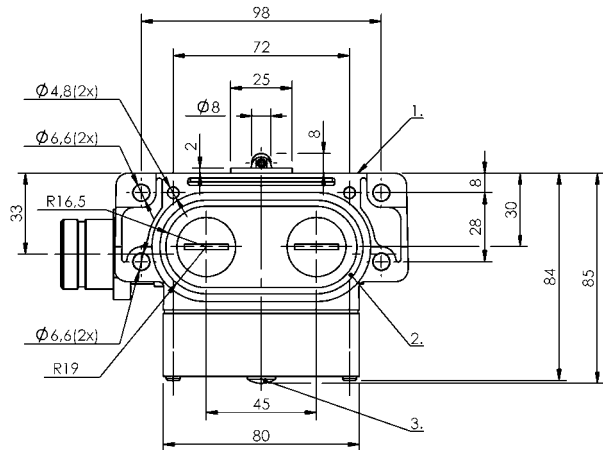




CE CCC  UKCA

Environmental conditions

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

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	1-8. Switch position: Silver, gold plated
Plunger material	1-8. Switch position: 1.4034 stainless steel

Display/Operation

Function indicator 1-8. Switch position: FD - 6...60 V

Electrical connection

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

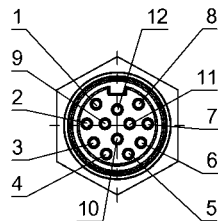
Electrical data

Continuous current	1-8. Switch position: 5 A
Rated operating voltage Ue	1-3. Switch position: 6...60 V 4. Switch position: 30 V AC/36 V DC 5-8. Switch position: 6...60 V
Switching function mechanical	Double-interrupting galvanically isolated One NO and one NC Dual changeover
Switching rate	1-8. Switch position: 300/min

Mechanical data

Approach direction	longitudinal, parallel to attachment surface
Approach speed	1-8. Switch position: 60 m/min
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 mil. switching operations
Number of switching positions	8x Roller Mechanical
Plunger style	1-8th switch position: Roller
Switch actuation force	1-8. Switch position: 20 N
Switching element	1-8. Switch position: BSE 30.0

Connector Drawings



View of connector side

Wiring Diagrams

The diagram illustrates the wiring for a 12-pin connector (Stecker) connected to eight switch positions (Schaltstelle). The connector pins are numbered 1 through 12. Pins 1 through 10 are connected to the switch positions. Pin 11 is labeled 'GN/YE' and 'PE/ground'. Pin 12 is labeled 'PE/ground' and is connected to ground. The switch positions are numbered 1 through 8. Each switch position has four terminals: 14, 22, 21, and 13. The wiring is as follows:

- Pin 1 connects to terminal 14 of switch position 1.
- Pin 2 connects to terminal 22 of switch position 1.
- Pin 3 connects to terminal 21 of switch position 1.
- Pin 4 connects to terminal 13 of switch position 1.
- Pin 5 connects to terminal 14 of switch position 2.
- Pin 6 connects to terminal 22 of switch position 2.
- Pin 7 connects to terminal 21 of switch position 2.
- Pin 8 connects to terminal 13 of switch position 2.
- Pin 9 connects to terminal 14 of switch position 3.
- Pin 10 connects to terminal 22 of switch position 3.
- Pin 11 connects to terminal 21 of switch position 3.
- Pin 12 connects to terminal 13 of switch position 3.
- Pin 1 connects to terminal 14 of switch position 4.
- Pin 2 connects to terminal 22 of switch position 4.
- Pin 3 connects to terminal 21 of switch position 4.
- Pin 4 connects to terminal 13 of switch position 4.
- Pin 5 connects to terminal 14 of switch position 5.
- Pin 6 connects to terminal 22 of switch position 5.
- Pin 7 connects to terminal 21 of switch position 5.
- Pin 8 connects to terminal 13 of switch position 5.
- Pin 9 connects to terminal 14 of switch position 6.
- Pin 10 connects to terminal 22 of switch position 6.
- Pin 11 connects to terminal 21 of switch position 6.
- Pin 12 connects to terminal 13 of switch position 6.
- Pin 1 connects to terminal 14 of switch position 7.
- Pin 2 connects to terminal 22 of switch position 7.
- Pin 3 connects to terminal 21 of switch position 7.
- Pin 4 connects to terminal 13 of switch position 7.
- Pin 5 connects to terminal 14 of switch position 8.
- Pin 6 connects to terminal 22 of switch position 8.
- Pin 7 connects to terminal 21 of switch position 8.
- Pin 8 connects to terminal 13 of switch position 8.

PE mit Gehäuse verbunden
Ground connected to housing

Funktionsanzeige
function display