



1) Reference edge 2) Sealing ring 3) Cable passage 4) Mark. Safety switch position



### Display/Operation

Function indicator 1-4. Switch position: None

### Electrical connection

Connection type 1-4. Switch position: Screw terminal

### Electrical data

Continuous current 1-4. Switch position: 6 A  
 Rated operating voltage  $U_e$  1-4. Switch position: 250 V AC  
 Switching rate 1. Switch position: 160/min  
 2-4. Switch position: 300/min

### Environmental conditions

Ambient temperature -5...85 °C  
 Protection degree IP67

### General data

Approval/Conformity CCC  
 CE  
 DIN switch DIN 43697  
 Operating principle 1-4. Switch position:  
 Mechanical  
 Version Safety EN 60204-1

### Material

Housing material Aluminum  
 Housing material, surface protection Anodized  
 Material contacts 1. Switch position: Silver  
 2-4. Switch position: Silver, gold plated  
 Plunger material 1-4. Switch position: Stainless steel (1.4034)

### Mechanical data

Approach direction longitudinal, parallel to attachment surface  
 Approach speed 1-4. Switch position: 60 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. Switch position: 1 million Switching operations  
 2-4. Switch position: 30 million Switching operations  
 Number of switching positions 4x Roller  
 Plunger style 1-4. switch position: Roller  
 Switch actuation force 1. Switch position: 30 N  
 2-4. Switch position: 20 N  
 Switching element 1. Switch position: BSE 85  
 2-4. Switch position: BSE 30.0

### Range/Distance

Reproducibility 1. Switch position:  $\pm 0.02$  mm  
 2-4. Switch position:  $\pm 0.01$  mm

## Wiring Diagram

