

1) Reference edge



Basic features

Operating principle 1-2. Switch position: Mechanical

Display/Operation

Function indicator 1-2. Switch position: None

Electrical connection

Connection M12x1-Flange male, 5-pin
Connection type 1. Switch position: Connector

Electrical data

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

Environmental conditions

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

Material

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

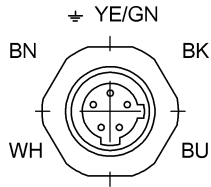
Mechanical data

Approach direction longitudinal, parallel to attachment surface
Approach speed 1-2. Switch position: 120 m/min
Distance cam - reference edge 1-2. Switch position: 4.50...5.00 mm
Flange, feed-through None
Installation Vertical
Life expectancy mechanical 1-2. Switch position: 30 million Switching operations
Number of switching positions 2x Roller bearing Mechanical
Plunger style 1-2nd switch position: Roller bearing
Switch actuation force 1-2. Switch position: 20 N
Switching element 1-2. Switch position: BSE 30.0

Range/Distance

Reproducibility 1-2. Switch position: ±0.01 mm

Connector Drawings



View of connector side

Wiring Diagrams

