



Functional safety

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

Display/Operation

Housing material	Aluminium, Anodized
Housing material, surface protection	Anodized
Material contacts	1-2. Switch position: Silver, gold plated
Plunger material	1-2. Switch position: 1.4034 stainless steel

Mechanical data

Approach direction	longitudinal, parallel to attachment surface
Approach speed	1-2. Switch position: 120 m/min
Dimension	120 x 70 x 83 mm
Distance cam - reference edge	1-2. Switch position: 4.50...5.00 mm

Flange, feed-through	2 threaded exit M25
Installation	Vertical
Life expectancy mechanical	1-2. Switch position: 30 mil. switching operations
Number of switching positions	2x Roller bearing Mechanical
Plunger spacing 1st switch position	30 mm
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

Environmental conditions

Internet

Range/Distance

Reproducibility
Switch position spacing

1-2. Switch position: ± 0.01 mm
12 mm

Wiring Diagrams

BSE 30.0

