

1) Reference edge



Basic features

Additional features	Special switch
Approval/Conformity	CE UKCA WEEE
Basic standard	IEC 60947-5-1
Operating principle	1. Switch position: Mechanical
Version	Snap contact

Display/Operation

Function indicator	1. Switch position: None
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Electrical data

Continuous current	1. Switch position: 4 A
Rated operating voltage Ue	1. Switch position: 10...30 V
Switching function mechanical	Single-pin changeover
Switching rate	1. Switch position: 200/min

Environmental conditions

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

Functional safety

B10d (EN ISO 13849-1)	BSE 69.1: 10 mil. switching cycles
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Material

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

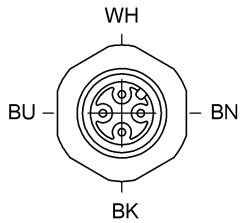
Mechanical data

Approach direction	Vertical to mounting surface
Approach speed	1. Switch position: 8 m/min
Distance cam - reference edge	1. Switch position: 2.30...2.80 mm
Flange, feed-through	None
Installation	any
Life expectancy mechanical	1. Switch position: 10 mil. switching operations
Number of switching positions	Flat Mechanical
Plunger style	1st switch position: Flat
Switch actuation force	1. Switch position: 8 N
Switching element	1. Switch position: BSE 69.1

Range/Distance

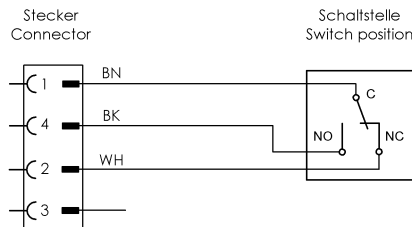
Reproducibility	1. Switch position: ±0.02 mm
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Connector Drawings



View of connector side

Wiring Diagrams



ACHTUNG: Stecker ohne Schutzleiter!
Schutzklasse III (VDE 0160)

Attention: No groundwire!
Protection Class III (VDE 0160)