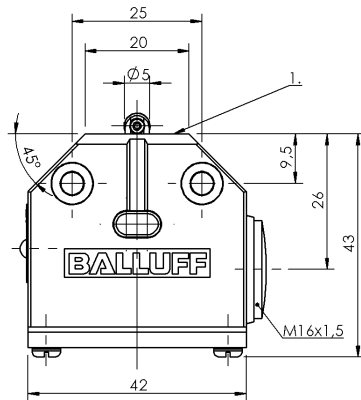


1) Reference edge



Display/Operation

Function indicator 1. Switch position: None

Electrical connection

Connection type 1. Switch position: Solder connection

Electrical data

Continuous current 1. Switch position: 0.1 A
Rated operating voltage Ue 1. Switch position: 250 V AC
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 73.1: 10 mil. Switching operations

General data

Approval/Conformity CE
 CCC
 WEEE
Basic standard IEC 60947-5-1
Operating principle 1. Switch position: Mechanical
Version Snap contact

Material

Housing material Aluminum
Housing material, surface protection Anodized
Material contacts 1. Switch position: Gold
Plunger material 1. Switch position: Stainless steel (1.4034)

Mechanical data

Approach direction lateral or at right angles to mounting surface
Approach speed 1. Switch position: 60 m/min
Dimension 42 x 22 x 43 mm
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 million Switching operations
Number of switching positions 1x Roller
Plunger spacing 1st switch position 11 mm
Plunger style 1st switch position: Roller
Switch actuation force 1. Switch position: 8 N
Switching element 1. Switch position: BSE 73.1

Range/Distance

Reproducibility 1. Switch position: ±0.05 mm

Wiring Diagrams

