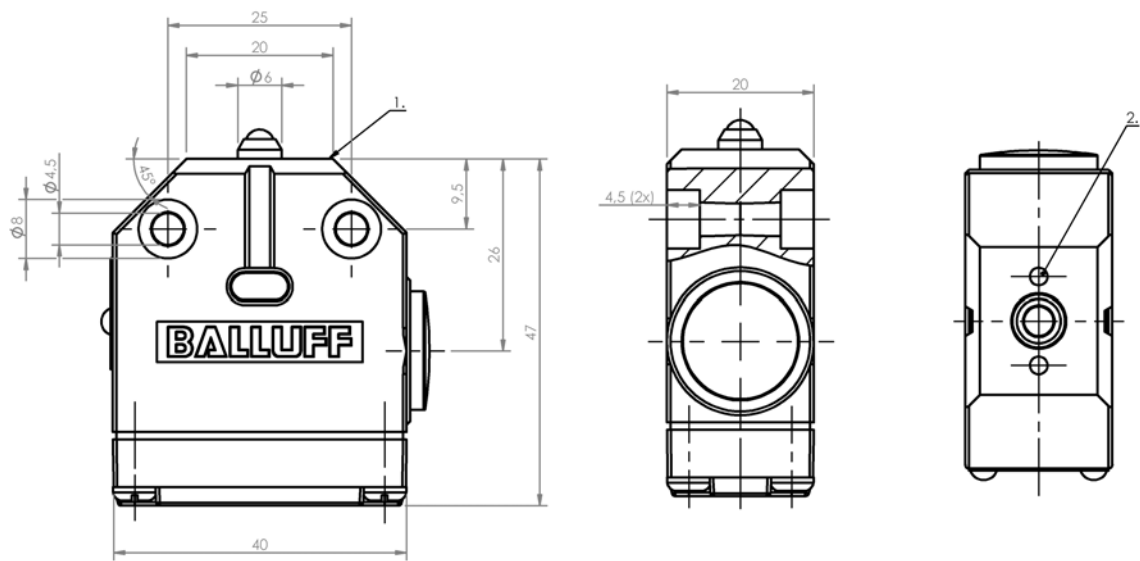




1) Reference edge, 2) Mark. Safety switch position



Basic features

Operating principle 1. Switch position: Mechanical

Display/Operation

Function indicator 1. Switch position: None

Electrical connection

Connection type 1. Switch position: Solder connection

Electrical data

Continuous current 1. Switch position: 5 A  
Rated operating voltage  $U_e$  1. Switch position: 250 V AC  
Switching rate 1. Switch position: 200/min

Environmental conditions

Ambient temperature -5...80 °C  
IP rating IP67

Material

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

Mechanical data

Approach direction longitudinal, parallel to attachment surface  
Approach speed 1. Switch position: 9 m/min  
Distance cam - reference edge 1. Switch position: 2.50...2.80 mm  
Flange, feed-through None  
Installation any  
Life expectancy mechanical 1. Switch position: 10 mil. switching operations  
Number of switching positions Ball Mechanical  
Plunger style 1st switch position: Ball  
Switch actuation force 1. Switch position: 8 N  
Switching element 1. Switch position: BSE 86

Range/Distance

Reproducibility 1. Switch position:  $\pm 0.03$  mm

Wiring Diagrams

