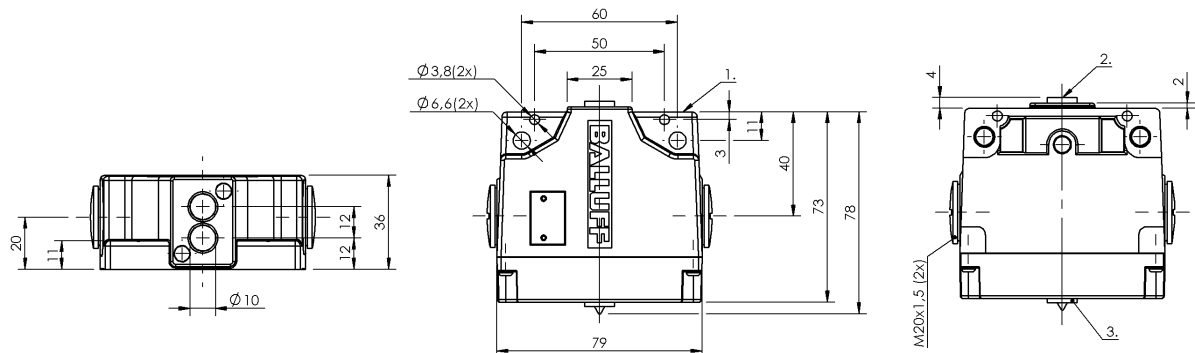




1) Reference edge, 2) Sensing surface, 3) Function indicator FD/FE/LL



Display/Operation

Function indicator 1-2. Switch position: Optical fiber

Electrical connection

Connection type 1-2. Switch position: Screw terminal
Electrical version 3-/4-wire

Electrical data

Continuous current 1-2. Switch position: 0.2 A
Rated operating voltage U_e 1-2. Switch position: 24 V DC

Environmental conditions

Ambient temperature -25...70 °C
IP rating IP67

Functional safety

MTTF (40 °C) BES 517-108: 490 a

General data

Approval/Conformity CE
 WEEE
Basic standard IEC 60947-5-2
Operating principle 1-2. Switch position: Inductive
Version Inductive

Material

Housing material Aluminum
Housing material, surface protection Anodized

Mechanical data

Dimension 79 x 36 x 77.5 mm
Distance cam - active surface 1-2. Switch position: 0...1.62 mm
Flange, feed-through None
Installation Vertical
Plunger spacing 1st switch position 12 mm
Switching element 1-2. Switch position: BES 517-108

Output/Interface

Switching output NPN complementary

Range/Distance

Assured operating distance S_a 1-2. Switch position: 1.6 mm
Range 2 mm
Rated operating distance S_n 1-2. Switch position: 2.0 mm
Switch position spacing 12 mm

Wiring Diagrams

