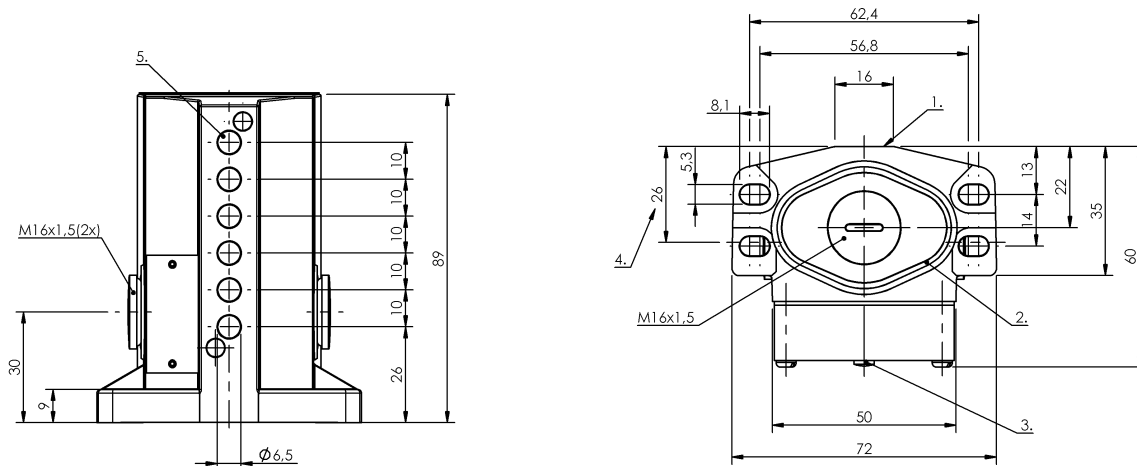




1) Reference edge, 2) Sealing ring, 3) Function indicator FD/FE/LL, 4) Cable passage, 5) Sensing surface



Display/Operation

Function indicator 1-6. Switch position: Optical fiber

Electrical connection

Connection type 1-6. Switch position: Screw terminal

Electrical version 3-/4-wire

Electrical data

Continuous current 1-6. Switch position: 0.13 A

Rated operating voltage U_e 1-6. Switch position: 24 V DC

Environmental conditions

Ambient temperature -25...70 °C

IP rating IP67

Functional safety

MTTF (40 °C) BES 517-312-Y: 1620 a

General data

Approval/Conformity

CE
 WEEE

Basic standard

IEC 60947-5-2

Operating principle

1-6. Switch position: Inductive

Version

Inductive

Material

Housing material

Aluminum

Housing material, surface protection

Anodized

Mechanical data

Distance cam - active surface

1-6. Switch position: 0...0.90 mm

Flange, feed-through

1 threaded exit M16

Installation

Vertical

Switching element

1-6. Switch position: BES
 517-312-Y

Output/Interface

Switching output

PNP normally open (NO)

Range/Distance

Assured operating distance S_a

1-6. Switch position: 0.9 mm

Range

1.1 mm

Rated operating distance S_n

1-6. Switch position: 1.1 mm

Wiring Diagrams

