



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



### Basic features

Approval/Conformity	CE WEEE
Basic standard	IEC 60947-5-2
Operating principle	1-4. Switch position: Inductive
Version	Inductive

### Display/Operation

Function indicator	1-4. Switch position: Optical fiber
--------------------	-------------------------------------

### Electrical connection

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

### Electrical data

Continuous current	1-4. Switch position: 0.13 A
Rated operating voltage U <sub>e</sub>	1-4. Switch position: 24 V DC

### Environmental conditions

Ambient temperature	-25...70 °C
Protection degree	IP67

### Functional safety

MTTF (40 °C)	BES 517-312-Y: 1620 a
--------------	-----------------------

### Material

Housing material	Aluminum, Anodized
Housing material, surface protection	Anodized

### Mechanical data

Dimension	72 x 64 x 59.5 mm
Distance cam - active surface	1-4. Switch position: 0...0.90 mm
Flange, feed-through	1 threaded exit M16
Installation	Vertical
Plunger spacing 1st switch position	26 mm
Switching element	1-4. Switch position: BES 517-312-Y

### Output/Interface

Switching output	PNP normally open (NO)
------------------	------------------------

### Range/Distance

Assured operating distance S <sub>a</sub>	1-4. Switch position: 0.9 mm
Range	1.1 mm
Rated operating distance S <sub>n</sub>	1-4. Switch position: 1.1 mm
Switch position spacing	8 mm

## Wiring Diagrams

