



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



Basic features

Approval/Conformity	CE cULus EAC WEEE
Basic standard	IEC 60947-5-2
DIN switch	DIN 43697
Operating principle	1-4. Switch position: Inductive
Version	Inductive

Display/Operation

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

Connection type	1-4. Switch position: Screw terminal
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Electrical data

Continuous current	1-4. Switch position: 0.1 A
Operating voltage U_b AC	1-4. Switch position: 35.0...250.0 V
Rated operating voltage U_e	1-4. Switch position: 110 V AC

Environmental conditions

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

Material

Housing material	Aluminum, Anodized
Housing material, surface protection	Anodized

Mechanical data

Dimension	120 x 90 x 87 mm
Distance cam - active surface	1-4. Switch position: 0...1.62 mm
Flange, feed-through	2 threaded exit M25
Installation	Vertical
Plunger spacing 1st switch position	30 mm
Switching element	1-4. Switch position: BES 517-410

Output/Interface

Switching output	Normally open (NO)
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Range/Distance

Assured operating distance S_a	1-4. Switch position: 1.6 mm
Range	2 mm
Rated operating distance S_n	1-4. Switch position: 2.0 mm
Switch position spacing	12 mm

Wiring Diagrams

