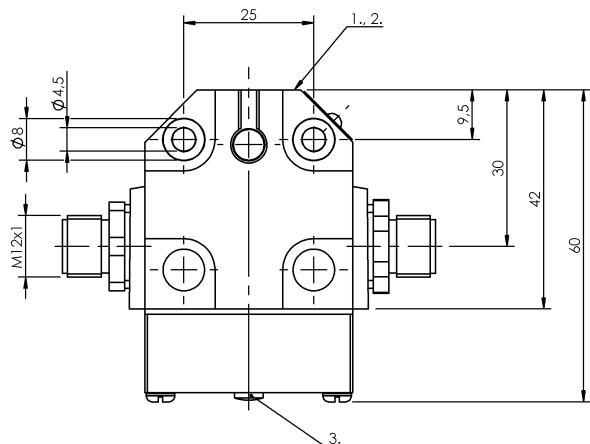
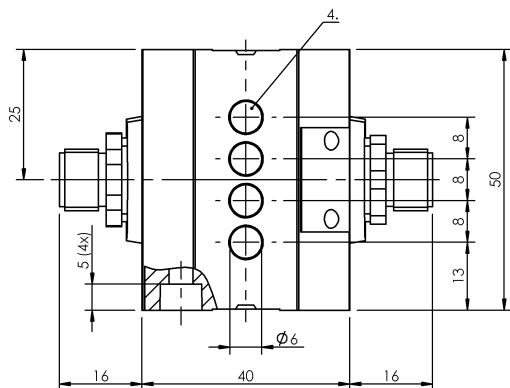




1) Reference edge, 2) Sensing surface, 3) Function indicator FD/FE/LL, 4) 1st pos.



Basic features

Approval/Conformity	CE UKCA 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
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Electrical connection

Connection	M12x1-Flange male, 5-pin
Connection type	1. Switch position: Connector
Electrical version	3-/4-wire

Electrical data

Continuous current	1-4. Switch position: 0.13 A
Rated operating voltage U _e	1-4. 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
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Interface

Switching output	PNP normally open (NO)
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Material

Housing material	Aluminium, Anodized
Housing material, surface protection	Anodized

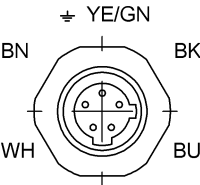
Mechanical data

Distance cam - active surface	1-4. Switch position: 0...0.90 mm
Flange, feed-through	None
Installation	Vertical
Switching element	1-4. Switch position: BES 517-312-Y

Range/Distance

Assured operating distance S _a	1-4. Switch position: 0.9 mm
Range	1.1 mm
Rated operating distance S _n	1-4. Switch position: 1.1 mm

Connector Drawings



View of connector side

Wiring Diagrams (Schematic)

