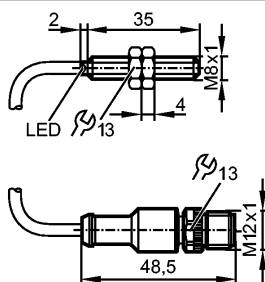


**IE5351**

IEBC003BASKG/0.3M/US

Inductive sensors



**Product characteristics**

Inductive sensor
Metal thread M8 x 1
Cable with connector
Operation as 3-wire or 2-wire possible
Sensing range 3 mm; [f] flush mountable

**Electrical data**

Electrical design	3-wire DC PNP; 2-wire DC PNP/NPN
Operating voltage [V]	10...30 DC
Current consumption [mA]	< 10 only in 3-wire operation
Protection class	III
Reverse polarity protection	yes

**Outputs**

Output function	normally open
Voltage drop [V]	< 2.8
Minimum load current [mA]	2; only in 2-wire operation
Leakage current [mA]	< 0.5; only in 2-wire operation
Current rating [mA]	100
Short-circuit protection	pulsed
Overload protection	yes
Switching frequency [Hz]	1000

**Range**

Sensing range [mm]	3
Operating distance [mm]	0...2.4

**Accuracy / deviations**

Correction factors	mild steel = 1 / stainless steel approx. 0.7 / brass approx. 0.5 / Al approx. 0.4 / Cu approx. 0.3
Hysteresis [% of Sr]	1...15

**Environment**

Ambient temperature [°C]	0...60
Protection	IP 67

**Tests / approvals**

EMC	EN 60947-5-2
MTTF [Years]	2988

**Mechanical data**

Mounting	flush mountable
Housing materials	Brass white bronze coated; active face: LCP

## IE5351

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Inductive sensors

Weight [kg] 0.034

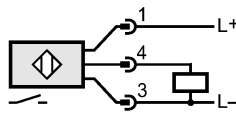
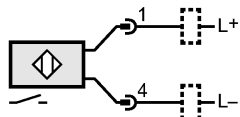
### Displays / operating elements

Output status indication LED yellow

### Electrical connection

Connection PVC cable / 0.3 m; 3 x 0.14 mm<sup>2</sup>; with M12 connector, rotatable

### Wiring



### Accessories

Accessories (included) 2 lock nuts

### Remarks

Pack quantity [piece] 1