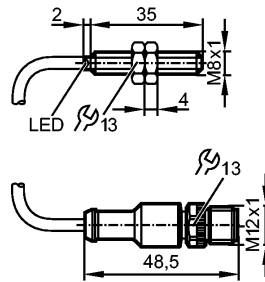


**IE5351**

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	yes (non-latching)
Overload protection	yes
Switching frequency [Hz]	1000

**Monitoring 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 / aluminium approx. 0.4 / copper 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**

IEBC003BASKG/0.3M/US

**Inductive sensors**

Weight	[kg]	0.034
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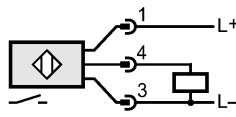
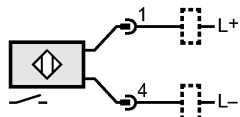
**Displays / operating elements**

Output status indication	LED	yellow
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**Electrical connection**

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



**Accessories**

Accessories (included)	2 lock nuts
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**Remarks**

Pack quantity	[piece]	1
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