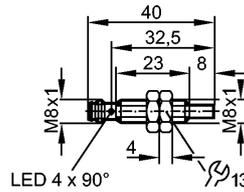


**IE5340**

IEBC005-ASKG/V4A/AS

**Inductive sensors**



Made in Germany



**Product characteristics**

Inductive sensor
Metal thread M8 x 1
Connector
Operation as 3-wire or 2-wire possible
Sensing range 5 mm; [nf] non-flush mountable

**Electrical data**

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

**Outputs**

Output function	normally open
Voltage drop [V]	< 2.8
Minimum load current [mA]	2 *)
Leakage current [mA]	< 0.5
Current rating [mA]	100
Short-circuit protection	pulsed
Overload protection	yes
Switching frequency [Hz]	700 ***)

**Range**

Sensing range [mm]	5
Real sensing range (Sr) [mm]	5 ± 10 %
Operating distance [mm]	0...4.05

**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
Switch-point drift [% of Sr]	-10...10

**Environment**

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

**Tests / approvals**

EMC	EN 60947-5-2
MTTF [Years]	2046

**Mechanical data**

Mounting	non-flush mountable
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## IE5340

IEBC005-ASKG/V4A/AS

Inductive sensors

Housing materials	high-grade stainless steel; active face: PBT
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Weight	[kg]	0.018
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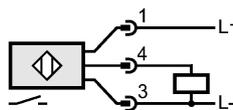
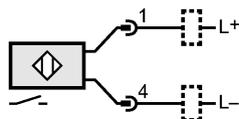
### Displays / operating elements

Output status indication	LED	yellow (4 x 90°)
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### Electrical connection

Connection	M8 connector
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#### Wiring



### Accessories

Accessories (included)	2 lock nuts
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### Remarks

Remarks	<p>*) only in 2-wire operation</p> <p>**) only in 3-wire operation</p> <p>***) for I (load) ≥ 10 mA</p>
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Pack quantity	[piece]	1
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