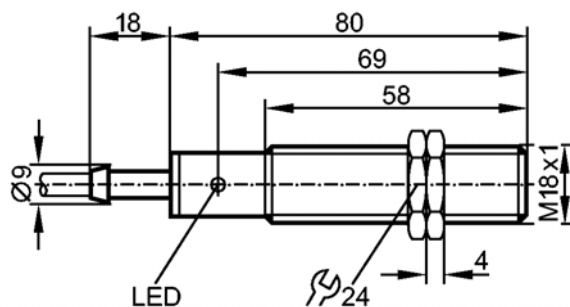


**efector100**



**IG5349**

Inductive sensors



Made in Germany

### Product characteristics

Inductive sensor
Plastic thread M18 x 1
Cable
Sensing range 8 mm; [nf] non-flush mountable

### Electrical data

Electrical design	DC PNP
Operating voltage [V]	10...36 DC
Current consumption [mA]	< 15 (24 V)
Protection class	II
Reverse polarity protection	yes

### Outputs

Output function	normally closed
Voltage drop [V]	< 2.5
Current rating [mA]	250
Short-circuit protection	pulsed
Overload protection	yes
Switching frequency [Hz]	300

### Range

Sensing range [mm]	8
Real sensing range (Sr) [mm]	$8 \pm 10\%$
Operating distance [mm]	0...6.5

### Accuracy / deviations

Correction factors	mild steel = 1 / stainless steel approx. 0.7 / brass approx. 0.4 / Al approx. 0.3 / Cu approx. 0.2
Hysteresis [% of Sr]	1...15
Switch-point drift [% of Sr]	-10...10

### Environment

Ambient temperature [°C]	-25...80
Protection	IP 67

### Tests / approvals

EMC	EN 60947-5-2
MTTF [Years]	1844

### Mechanical data

Mounting	non-flush mountable
Housing materials	PBT
Weight [kg]	0.118

### Displays / operating elements

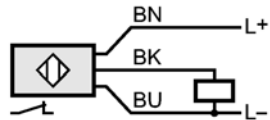
Output status indication LED	yellow
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### Electrical connection

Connection	PVC cable / 2 m; 3 x 0.5 mm <sup>2</sup>
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### Wiring

Core colours  
 BN brown  
 BU blue  
 BK black



### Accessories

Accessories (included)	2 lock nuts
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 — IG5349 — 06.03.2003