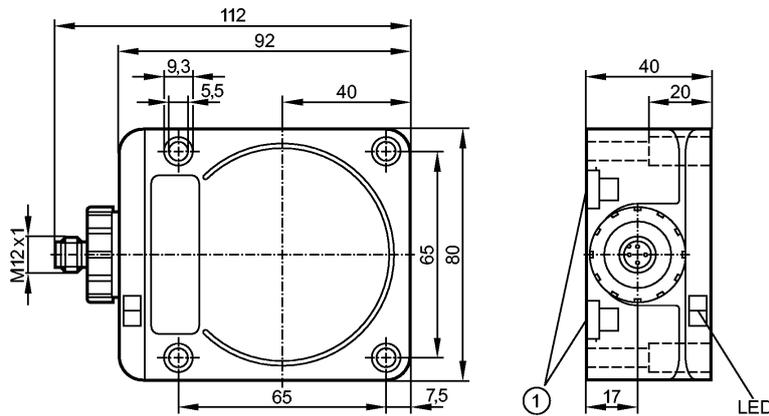


**ID5055**

IDC3050BBPKG/2LED/US-100-DPS

Inductive sensors



1: Mounting on DIN rail

Made in Germany



**Product characteristics**

Inductive sensor	
Rectangular, plastics	
Connector	
Sensing range 50 mm; [f] 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 open
Voltage drop [V]		< 2.5
Current rating [mA]		250
Short-circuit protection		pulsed
Overload protection		yes
Switching frequency [Hz]		70

**Range**

Sensing range [mm]		50
Operating distance [mm]		0...40.5; when mounted flush with steel (ST37)

**Accuracy / deviations**

Correction factors		mild steel = 1 / stainless steel approx. 0.85 / brass approx. 0.48 / aluminium approx. 0.46 / copper approx. 0.38
Hysteresis [% of Sr]		3...20
Switch-point drift [% of Sr]		-15...15

**Environment**

Ambient temperature [°C]		-25...70
Protection		IP 67

**Tests / approvals**

EMC		EN 60947-5-2
MTTF [Years]		1588

**Mechanical data**

## ID5055

IDC3050BBPKG/2LED/US-100-DPS

Inductive sensors

Mounting	flush mountable
Housing materials	PPE; diecast zinc nickel-plated
Installation	rail TH35 (to EN 60715)
Weight [kg]	0.417

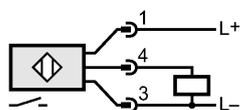
### Displays / operating elements

Output status indication	LED	yellow
Operation	LED	green

### Electrical connection

Connection	M12 connector
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### Wiring



### Accessories

Accessories (included)	sealing plug
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### Remarks

Pack quantity [piece]	1
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