

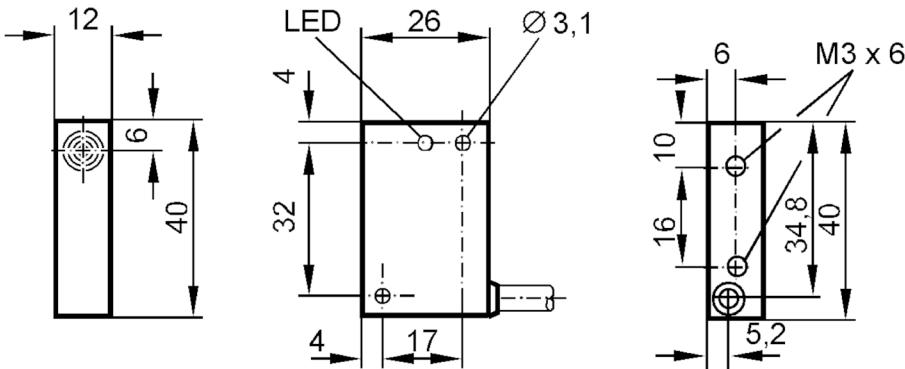


Inductive sensor

IN-2002RBBOW

Article no longer available - archive entry

Alternative articles: IN0077
When selecting an alternative article and accessories please note that technical data may differ!



Product characteristics

Output function		normally closed
Sensing range	[mm]	2
Housing		rectangular

Electrical data

Frequency AC	[Hz]	47...63
Operating voltage	[V]	20...250 AC
Reverse polarity protection		no

Outputs

Output function		normally closed
Max. voltage drop switching output AC	[V]	6
Minimum load current	[mA]	5
Max. leakage current	[mA]	2.5
Permanent current rating of switching output AC	[mA]	400
Short-time current rating of switching output	[mA]	900; (20 ms / 0,5 Hz)
Switching frequency AC	[Hz]	25
Short-circuit protection		no
Overload protection		no

Monitoring range

Sensing range	[mm]	2
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IN0051



Inductive sensor

IN-2002RBBOW

Real sensing range Sr	[mm]	2 ± 10 %
Operating distance	[mm]	0...1.6

Accuracy / deviations		
Correction factor		steel: 1 / stainless steel: 0.85 / brass: 0.4 / aluminum: 0.4 / copper: 0.3
Hysteresis	[% of Sr]	3...15
Switch-point drift	[% of Sr]	-10...10

Operating conditions		
Ambient temperature	[°C]	-25...80
Protection		IP 65

Mechanical data		
Housing		rectangular
Mounting		flush mountable
Material		PBT

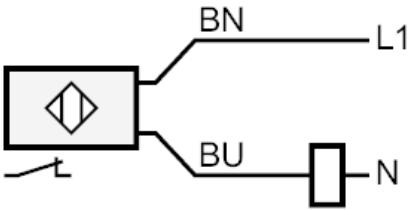
Displays / operating elements		
Display	Switching status	1 x LED, yellow

Remarks		
Pack quantity		1 pcs.

Electrical connection

Cable: 2 m, PUR; 3 x 0.5 mm²

Connection



BN = Core colors : brown
BU = blue