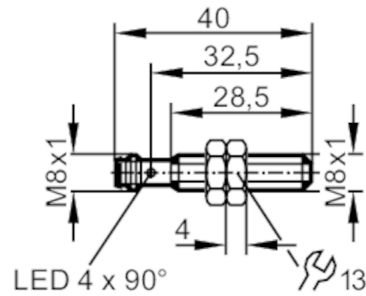


IE5356



Inductive sensor

IEBC002BASKG/AS-514



Electrical data	
Operating voltage [V]	10...30 DC; ("supply class 2" to cULus)
Current consumption [mA]	< 10; (only in 3-wire operation)
Protection class	III
Reverse polarity protection	yes
Outputs	
Electrical design	PNP/NPN
Output function	normally open
Max. voltage drop switching output DC [V]	2.8
Minimum load current [mA]	2; (only in 2-wire operation)
Max. leakage current [mA]	0.5; (only in 2-wire operation)
Permanent current rating of switching output DC [mA]	100
Switching frequency DC [Hz]	1000
Short-circuit protection	yes
Type of short-circuit protection	pulsed
Overload protection	yes
Detection zone	
Sensing range [mm]	2
Operating distance [mm]	0...1.6
Accuracy / deviations	
Correction factor	steel: 1 / stainless steel: 0.7 / brass: 0.5 / aluminium: 0.4 / copper: 0.3
Hysteresis [% of Sr]	1...10
Operating conditions	
Ambient temperature [°C]	0...60
Protection	IP 67; (if screwed on)

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Tests / approvals		
EMC		EN 60947-5-2
MTTF	[years]	2046
UL approval	Ta	0...60 °C
	Enclosure type	Type 1
	voltage supply	Class 2
	File number UL	E174191

Mechanical data	
Weight	[g] 17
Housing	threaded type
Mounting	flush mountable
Dimensions	[mm] M8 x 1 / L = 40
Thread designation	M8 x 1
Materials	brass white bronze coated; LCP

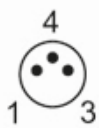
Displays / operating elements		
Display	switching status	4 x 90° LED, yellow

Accessories	
Accessories (supplied)	lock nuts: 2

Remarks	
Pack quantity	1 pcs.

Electrical connection - plug

Connector: 1 x M8



2-wire

