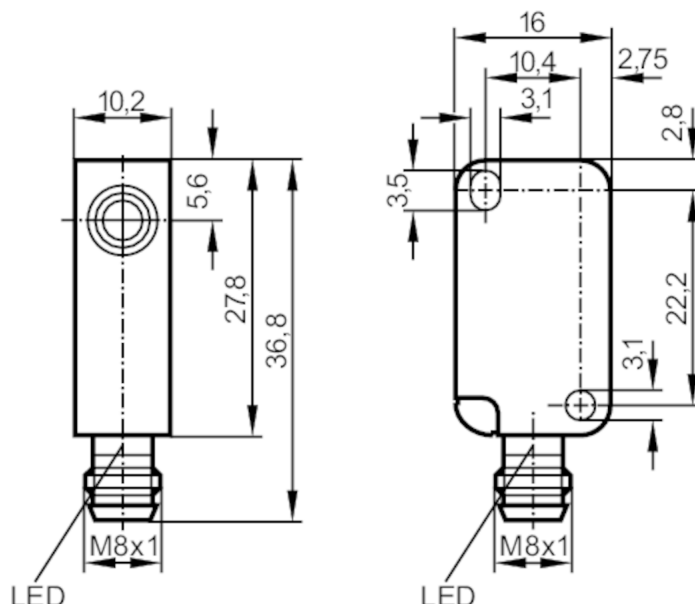


IS5071

Inductive sensor

IS-3004-BPKG/AS



Electrical data

Operating voltage	[V]	10...30 DC; ("supply class 2" to cULus)
Current consumption	[mA]	15
Protection class		III
Reverse polarity protection		yes

Outputs

Electrical design		PNP
Output function		normally open
Max. voltage drop switching output DC	[V]	2.5
Permanent current rating of switching output DC	[mA]	200
Switching frequency DC	[Hz]	2000
Short-circuit protection		yes
Overload protection		yes

Detection zone

Sensing range	[mm]	4
Real sensing range Sr	[mm]	4 ± 10 %
Operating distance	[mm]	0...3.25

Accuracy / deviations

Hysteresis	[% of Sr]	1...15
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Operating conditions

Ambient temperature	[°C]	-25...70
Protection		IP 65; (with ifm socket duly screwed on IP67)

IS5071



Inductive sensor

IS-3004-BPKG/AS

Tests / approvals

EMC		EN 60947-5-2	
MTTF	[years]	2122	
UL approval		Ta	-25...70 °C
		Enclosure type	Type 1
		voltage supply	Class 2
		File number UL	E174191

Mechanical data

Weight	[g]	10.6
Housing		rectangular
Mounting		non-flush mountable
Dimensions	[mm]	28 x 10 x 16
Materials		PBT; PC
Tightening torque	[Nm]	< 0.5; (with washer)

Displays / operating elements

Display	switching status	1 x LED, yellow
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Remarks

Pack quantity	1 pcs.
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Electrical connection - plug

Connector: 1 x M8



Connection

