



Inductive sensor

IMC3035-BPKG/US-100-DPS

Article no longer available - archive entry

Alternative articles: IM5116 or IM5117

When selecting an alternative article and accessories please note that technical data may differ!



Product characteristics

Electrical design	PNP
Output function	normally open
Sensing range [mm]	35
Housing	rectangular
Dimensions [mm]	40 x 40 x 66

Application

Special feature	Gold-plated contacts
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Electrical data

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

Outputs

Electrical design	PNP
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**Inductive sensor**

IMC3035-BPKG/US-100-DPS

Output function		normally open
Max. voltage drop switching output DC [V]		2.5
Permanent current rating of switching output DC [mA]		250
Switching frequency DC [Hz]		100
Short-circuit protection		yes
Type of short-circuit protection		pulsed
Overload protection		yes

Detection zone

Sensing range [mm]	35
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Accuracy / deviations

Correction factor	steel: 1 / stainless steel: 0.7 / brass: 0.4 / aluminium: 0.4 / copper: 0.3
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Operating conditions

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

Tests / approvals

EMC	EN 60947-5-2
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Mechanical data

Housing	rectangular
Mounting	non-flush mountable
Dimensions [mm]	40 x 40 x 66
Materials	housing: PPE; sensing face: PPE; end cap: diecast zinc; clamp: diecast zinc

Displays / operating elements

Display	switching status	1 x LED, yellow
	operation	1 x LED, green

Аксессуары

Items supplied	Mounting bracket: 1
	Allen key: 1

Remarks

Remarks	5 positions of the active zone possible
Pack quantity	1 pcs.

Electrical connection - plug

Connector: 1 x M12; coding: A; Contacts: gold-plated



IM5095



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Connection

