

IM5053



Inductive sensor

IMC3035-BPKG/US-100-DPS

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Alternative articles: IM5116

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

System	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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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	yes (non-latching)
Overload protection	yes

Monitoring range	
Sensing range [mm]	35

Accuracy / deviations	
Correction factor	steel: 1 / stainless steel: 0.7 / brass: 0.4 / aluminum: 0.4 / copper: 0.3

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

Tests / approvals		
EMC	EN 60947-5-2	
	EN 55011	class B

Mechanical data	
Housing	rectangular
Mounting	non-flush mountable
Dimensions [mm]	40 x 40 x 66
Material	housing: PPE; sensing face: PPE; end cap: PPS; clamp: PPS

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

Accessories	
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



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Connection

