

IM5072



Inductive sensor

IMC4020BCPKG/US-100

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Alternative articles: IM5123

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



Product characteristics

Electrical design	PNP
Output function	complementary
Sensing range [mm]	20
Housing	rectangular
Dimensions [mm]	40 x 40 x 66

Electrical data

Operating voltage [V]	10...36 DC
Current consumption [mA]	20; (24 V)
Protection class	II
Reverse polarity protection	yes

Outputs

Electrical design	PNP
Output function	complementary

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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]	20
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Accuracy / deviations

Correction factor	steel: 1 / stainless steel: 0.8 / 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	flush mountable
Dimensions	[mm] 40 x 40 x 66
Materials	PBT; sensing face: PPE; clamp: PPS

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

Pack quantity	1 pcs.
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Electrical connection - plug

Connector: 1 x M12; coding: A



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Connection

