# IM5072

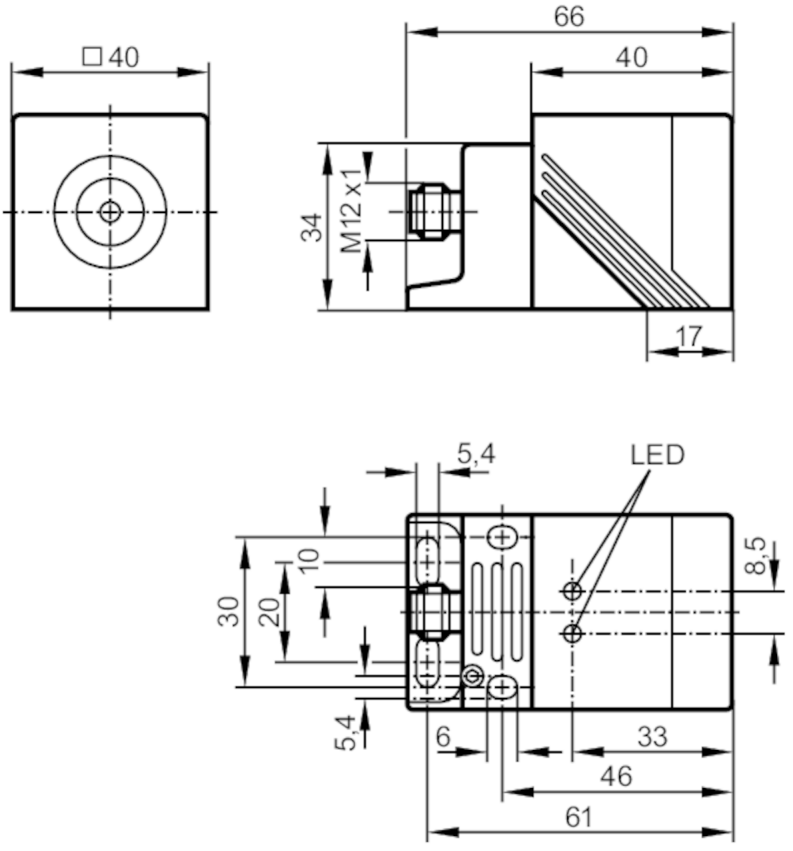
## Inductive sensor

IMC4020BCPKG/US-100

Article no longer available - archive entry

Alternative articles: IM5123

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




CE

| | | |
|---|---|---|
| **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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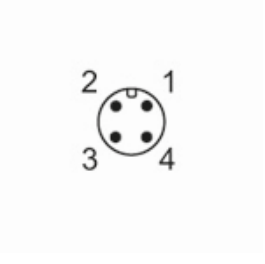
| | | | |
|---|---|---|---|
| Max. voltage drop switching output DC | [V] | 2.5 | |
| Permanent current rating of switching output DC | [mA] | 250 | |
| Switching frequency DC | [Hz] | 100 | |
| Short-circuit protection | | yes | |
| Type of short-circuit protection | | pulsed | |
| Overload protection | | yes | |
| **Detection zone** | | | |
| Sensing range | [mm] | 20 | |
| **Accuracy / deviations** | | | |
| Correction factor | | steel: 1 / stainless steel: 0.8 / brass: 0.4 / aluminium: 0.4 / copper: 0.3 | |
| **Operating conditions** | | | |
| Ambient temperature | [°C] | -25...70 | |
| Protection | | IP 67 | |
| **Tests / approvals** | | | |
| EMC | | EN 60947-5-2 | |
| **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 |
| **Accessories** | | | |
| Items supplied | | Mounting bracket: 1 | |
| | | Allen key: 1 | |
| **Remarks** | | | |
| Pack quantity | | 1 pcs. | |
| **Electrical connection - plug** | | | |

Connector: 1 x M12; coding: A



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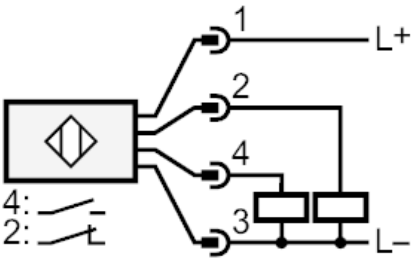
## Connection