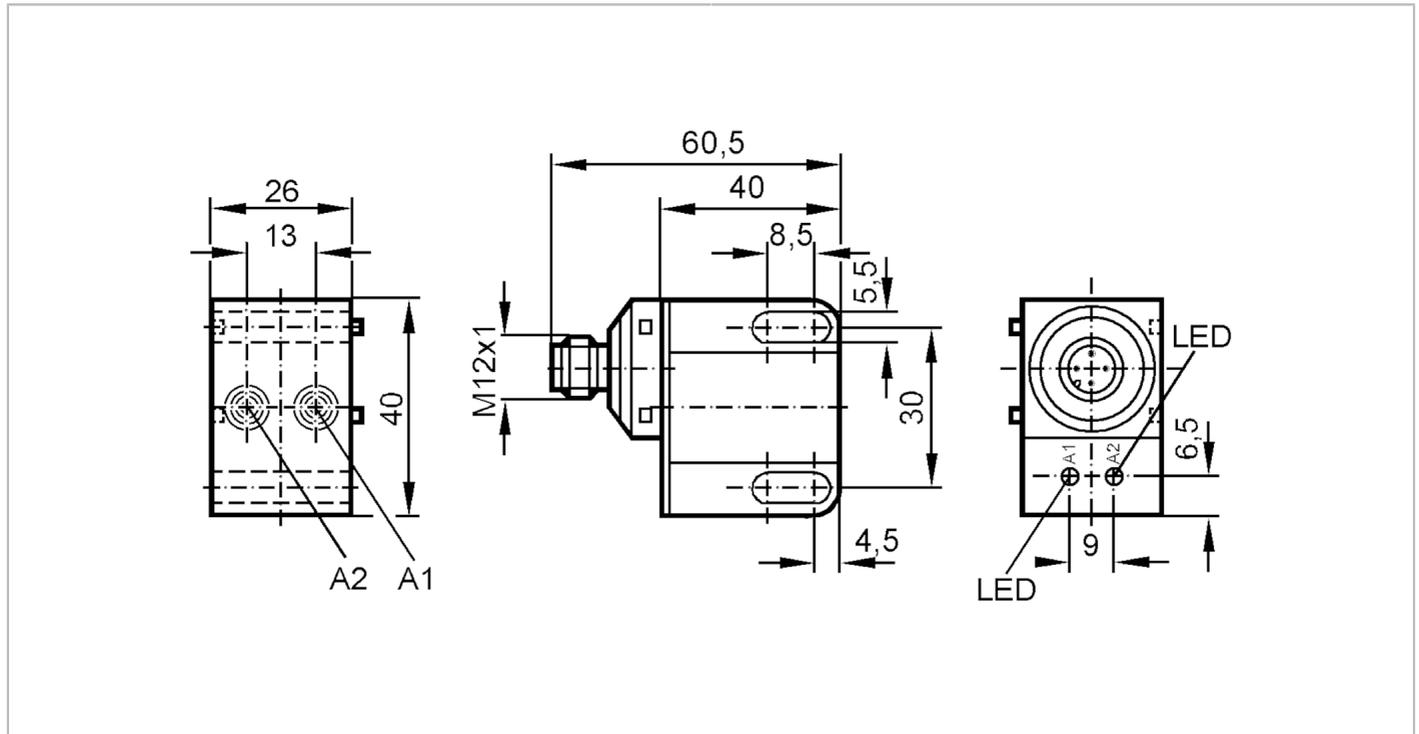


IN5337



Dual inductive sensor for valve actuators

IND3004DBPKG/US-100-DPV/10-55V



| Product characteristics | |
|--|--------------------|
| Electrical design | PNP |
| Output function | 2 x normally open |
| Sensing range [mm] | 4 |
| Housing | rectangular |
| Dimensions [mm] | 26 x 40 x 60.5 |
| Electrical data | |
| Operating voltage [V] | 10...55 DC |
| Current consumption [mA] | < 30 |
| Protection class | III |
| Reverse polarity protection | yes |
| Outputs | |
| Electrical design | PNP |
| Output function | 2 x normally open |
| Max. voltage drop switching output DC [V] | 2.5 |
| Permanent current rating of switching output DC [mA] | 250 |
| Switching frequency DC [Hz] | 50 |
| Short-circuit protection | yes |
| Type of short-circuit protection | yes (non-latching) |
| Overload protection | yes |

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| Monitoring range | | |
|---|------------------|--|
| Sensing range | [mm] | 4 |
| Real sensing range Sr | [mm] | 4 ± 10 % |
| Operating distance | [mm] | 0...3.25 |
| Accuracy / deviations | | |
| Correction factor | | steel: 1 / stainless steel: 0.7 / brass: 0.5 / aluminum: 0.4 / copper: 0.3 |
| Hysteresis | [% of Sr] | 3...15 |
| Switch-point drift | [% of Sr] | -10...10 |
| Operating conditions | | |
| Ambient temperature | [°C] | -25...80 |
| Protection | | IP 67; (if screwed on) |
| Tests / approvals | | |
| EMC | EN 60947-5-2 | |
| | EN 55011 | class B |
| MTTF | [years] | 854 |
| Mechanical data | | |
| Weight | [g] | 73.5 |
| Housing | | rectangular |
| Mounting | | non-flush mountable |
| Dimensions | [mm] | 26 x 40 x 60.5 |
| Material | | PC |
| Displays / operating elements | | |
| Display | Switching status | 2 x LED, yellow |
| Remarks | | |
| Pack quantity | | 1 pcs. |
| Electrical connection - plug | | |
| Connector: 1 x M12; coding: A | | |
|  | | |

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Connection

