



Inductive sensor

II-3010-APOG

Article no longer available - archive entry

Alternative articles: II5272  
When selecting an alternative article and accessories please note that technical data may differ!



| Product characteristics                         |      |                    |
|-------------------------------------------------|------|--------------------|
| Electrical design                               |      | PNP                |
| Output function                                 |      | normally closed    |
| Sensing range                                   | [mm] | 10                 |
| Housing                                         |      | threaded type      |
| Dimensions                                      | [mm] | M30 x 1.5 / L = 81 |
| Electrical data                                 |      |                    |
| Operating voltage                               | [V]  | 10...55 DC         |
| Protection class                                |      | II                 |
| Reverse polarity protection                     |      | no                 |
| Outputs                                         |      |                    |
| Electrical design                               |      | PNP                |
| Output function                                 |      | normally closed    |
| Max. voltage drop switching output DC           | [V]  | 1                  |
| Max. leakage current                            | [mA] | 7                  |
| Permanent current rating of switching output DC | [mA] | 400                |
| Switching frequency DC                          | [Hz] | 50                 |
| Short-circuit protection                        |      | no                 |
| Overload protection                             |      | no                 |
| Detection zone                                  |      |                    |
| Sensing range                                   | [mm] | 10                 |
| Real sensing range Sr                           | [mm] | 10 ± 10 %          |
| Operating distance                              | [mm] | 0...8.1            |



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| Accuracy / deviations         |                                                                             |                    |
|-------------------------------|-----------------------------------------------------------------------------|--------------------|
| Correction factor             | steel: 1 / stainless steel: 0.7 / brass: 0.4 / aluminium: 0.4 / copper: 0.3 |                    |
| Hysteresis                    | [X01]                                                                       | 1...15             |
| Switch point drift            | [X01]                                                                       | -10...10           |
| Operating conditions          |                                                                             |                    |
| Ambient temperature           | [°C]                                                                        | -25...80           |
| Protection                    | IP 67                                                                       |                    |
| Tests / approvals             |                                                                             |                    |
| EMC                           | EN 60947-5-2                                                                |                    |
|                               | EN 55011                                                                    | class B            |
| Mechanical data               |                                                                             |                    |
| Housing                       | threaded type                                                               |                    |
| Mounting                      | flush mountable                                                             |                    |
| Dimensions                    | [mm]                                                                        | M30 x 1.5 / L = 81 |
| Thread designation            | M30 x 1.5                                                                   |                    |
| Materials                     | PBT                                                                         |                    |
| Displays / operating elements |                                                                             |                    |
| Display                       | switching status                                                            | 1 x LED, yellow    |
| Аксессуары                    |                                                                             |                    |
| Items supplied                | lock nuts: 2                                                                |                    |
| Remarks                       |                                                                             |                    |
| Pack quantity                 | 1 pcs.                                                                      |                    |
| Electrical connection         |                                                                             |                    |
| Cable: 2 m, PVC; 3 x 0.5 mm²  |                                                                             |                    |
| Connection                    |                                                                             |                    |



Core colours :  
 BK = black  
 BN = brown  
 BU = blue