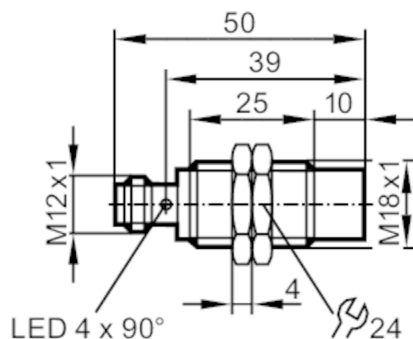


IGB3012-APKG/US-104





## Inductive sensor

IGB3012-APKG/US-104

| Tests / approvals                                                                   |                           |                                                                                                               |
|-------------------------------------------------------------------------------------|---------------------------|---------------------------------------------------------------------------------------------------------------|
| EMC                                                                                 | EN 61000-4-2 ESD          | 4 kV CD / 8 kV AD                                                                                             |
|                                                                                     | EN 61000-4-3 HF radiated  | 10 V/m                                                                                                        |
|                                                                                     | EN 61000-4-4 Burst        | 2 kV                                                                                                          |
|                                                                                     | EN 61000-4-6 HF conducted | 10 V                                                                                                          |
|                                                                                     | EN 55011                  | class B                                                                                                       |
| MTTF                                                                                | [years]                   | 1570                                                                                                          |
| UL approval                                                                         | Ta                        | 0...40 °C                                                                                                     |
|                                                                                     | Enclosure type            | Type 1                                                                                                        |
|                                                                                     | voltage supply            | Unlimited Voltage                                                                                             |
|                                                                                     | UL Approval no.           | A003                                                                                                          |
|                                                                                     | File number UL            | E174191                                                                                                       |
| Mechanical data                                                                     |                           |                                                                                                               |
| Weight                                                                              | [g]                       | 45.4                                                                                                          |
| Housing                                                                             |                           | threaded type                                                                                                 |
| Mounting                                                                            |                           | non-flush mountable                                                                                           |
| Dimensions                                                                          | [mm]                      | M18 x 1 / L = 50                                                                                              |
| Thread designation                                                                  |                           | M18 x 1                                                                                                       |
| Materials                                                                           |                           | brass white bronze coated; sensing face: PBT orange;<br>LED window: PEI; lock nuts: brass white bronze coated |
| Displays / operating elements                                                       |                           |                                                                                                               |
| Display                                                                             | switching status          | 4 x LED, yellow                                                                                               |
| Accessories                                                                         |                           |                                                                                                               |
| Accessories (supplied)                                                              |                           | lock nuts: 2                                                                                                  |
| Remarks                                                                             |                           |                                                                                                               |
| Pack quantity                                                                       |                           | 1 pcs.                                                                                                        |
| Electrical connection - plug                                                        |                           |                                                                                                               |
| Connector: 1 x M12; Contacts: gold-plated                                           |                           |                                                                                                               |
|  |                           |                                                                                                               |

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### Connection

