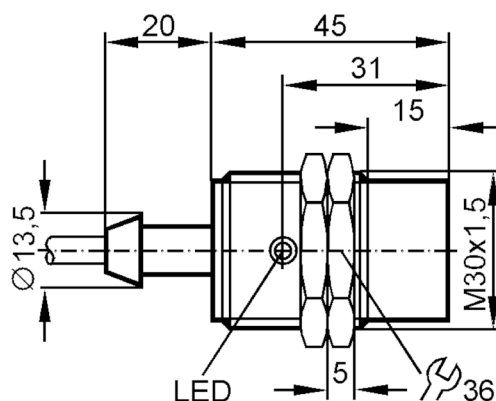




## Inductive sensor

IIB3015-BNOG/MS/ 6m

Article no longer available - archive entry



## Product characteristics

|                    |                 |
|--------------------|-----------------|
| Electrical design  | NPN             |
| Output function    | normally closed |
| Sensing range [mm] | 15              |
| Housing            | Threaded type   |
| Dimensions [mm]    | M30 x 1.5       |

## Electrical data

|                             |            |
|-----------------------------|------------|
| Operating voltage [V]       | 18...36 DC |
| Current consumption [mA]    | 10; (24 V) |
| Protection class            | II         |
| Reverse polarity protection | no         |

## Outputs

|                                                      |                 |
|------------------------------------------------------|-----------------|
| Electrical design                                    | NPN             |
| Output function                                      | normally closed |
| Max. voltage drop switching output DC [V]            | 2               |
| Permanent current rating of switching output DC [mA] | 200             |
| Switching frequency DC [Hz]                          | 250             |
| Short-circuit protection                             | no              |
| Overload protection                                  | no              |

## Monitoring range

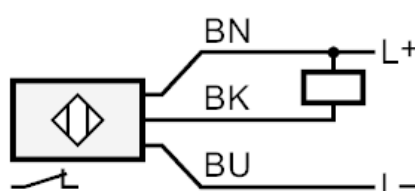
|                            |           |
|----------------------------|-----------|
| Sensing range [mm]         | 15        |
| Real sensing range Sr [mm] | 10 ± 10 % |
| Operating distance [mm]    | 0...8.1   |



## Inductive sensor

IIB3015-BNOG/MS/ 6m

| Accuracy / deviations         |           |                                                                            |
|-------------------------------|-----------|----------------------------------------------------------------------------|
| Correction factor             |           | steel: 1 / stainless steel: 0.7 / brass: 0.4 / aluminum: 0.3 / copper: 0.2 |
| Hysteresis                    | [% of Sr] |                                                                            |
| Switch-point drift            | [% of Sr] |                                                                            |
| Operating conditions          |           |                                                                            |
| Ambient temperature           |           | [-°C]                                                                      |
| Protection                    |           | IP 67                                                                      |
| Mechanical data               |           |                                                                            |
| Housing                       |           | Threaded type                                                              |
| Mounting                      |           | non-flush mountable                                                        |
| Dimensions                    |           | [mm]                                                                       |
| Thread designation            |           | M30 x 1.5                                                                  |
| Material                      |           | brass nickel-plated; PBT                                                   |
| Displays / operating elements |           |                                                                            |
| Display                       |           | Switching status                                                           |
|                               |           | 1 x LED, yellow                                                            |
| Accessories                   |           |                                                                            |
| Items supplied                |           | lock nuts: 2                                                               |
| Remarks                       |           |                                                                            |
| Pack quantity                 |           | 1 pcs.                                                                     |
| Electrical connection         |           |                                                                            |
| Cable: 6 m, PVC; 3 x 0.5 mm²  |           |                                                                            |
| Connection                    |           |                                                                            |



Core colors :

BN = brown

BU = blue

BK = black