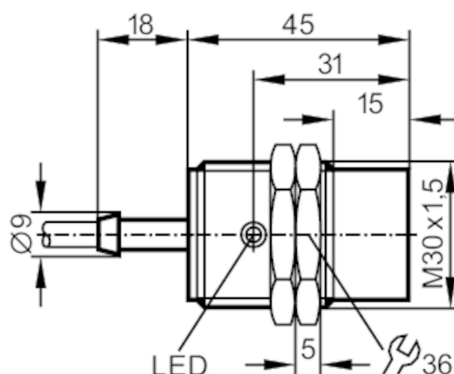


## Inductive sensor

IIB3010-BNOG/ 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 / L = 45 |

### Electrical data

|                             |            |
|-----------------------------|------------|
| Operating voltage [V]       | 18...36 DC |
| Current consumption [mA]    | 7; (24 V)  |
| Protection class            | II         |
| Reverse polarity protection | yes        |

### 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                             | yes             |
| Type of short-circuit protection                     | pulsed          |
| Overload protection                                  | yes             |

### Detection zone

|                            |           |
|----------------------------|-----------|
| Sensing range [mm]         | 15        |
| Real sensing range Sr [mm] | 15 ± 10 % |
| Operating distance [mm]    | 0...12.1  |

### Accuracy / deviations

|                          |                                                                             |
|--------------------------|-----------------------------------------------------------------------------|
| Correction factor        | steel: 1 / stainless steel: 0.7 / brass: 0.4 / aluminium: 0.3 / copper: 0.2 |
| Hysteresis [X01]         | 1...15                                                                      |
| Switch point drift [X01] | -10...10                                                                    |

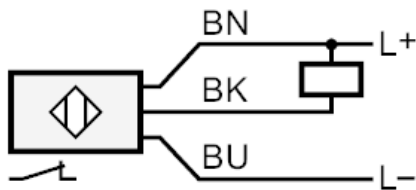
# I15350



## Inductive sensor

I1B3010-BNOG/ 6m

| Operating conditions          |                  |                          |
|-------------------------------|------------------|--------------------------|
| Ambient temperature           | [°C]             | -25...80                 |
| Protection                    |                  | IP 67                    |
| Mechanical data               |                  |                          |
| Housing                       |                  | threaded type            |
| Mounting                      |                  | non-flush mountable      |
| Dimensions                    | [mm]             | M30 x 1.5 / L = 45       |
| Thread designation            |                  | M30 x 1.5                |
| Materials                     |                  | brass nickel-plated; 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: 6 m, PVC; 3 x 0.5 mm²  |                  |                          |
| Connection                    |                  |                          |



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