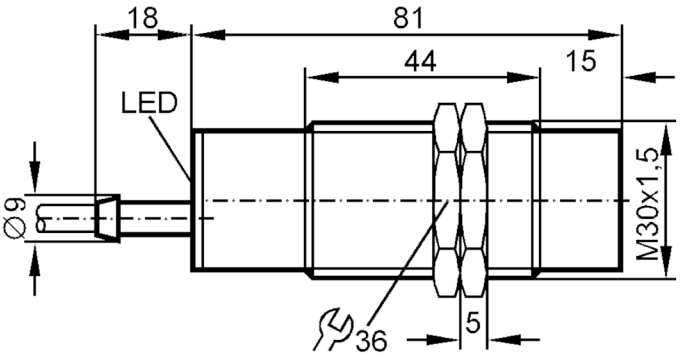
# II0081

## Inductive sensor

IIA2015-BBOW/V4A/10m

Article no longer available - archive entry




| | | |
|---|---|---|
| **Product characteristics** | | |
| Output function | | normally closed |
| Sensing range | [mm] | 15 |
| Housing | | threaded type |
| Dimensions | [mm] | M30 x 1.5 |
| **Electrical data** | | |
| Frequency AC | [Hz] | 47...63 |
| Operating voltage | [V] | 20...250 AC |
| Protection class | | II |
| Reverse polarity protection | | no |
| **Outputs** | | |
| Output function | | normally closed |
| Max. voltage drop switching output AC | [V] | 5.5 |
| Minimum load current | [mA] | 5 |
| Max. leakage current | [mA] | 2.5 |
| Permanent current rating of switching output AC | [mA] | 300; (500 (...50 °C)) |
| Short-time current rating of switching output | [mA] | 2200; (20 ms / 0,5 Hz) |
| Switching frequency AC | [Hz] | 20 |
| Short-circuit protection | | no |
| Overload protection | | no |
| **Detection zone** | | |
| Sensing range | [mm] | 15 |

# II0081

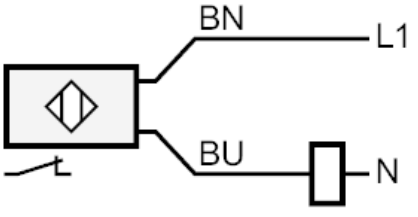
## Inductive sensor

**IIA2015-BBOW/V4A/10m**

| | | |
|---|---|---|
| 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 | [% of Sr] | 1...15 |
| Switch point drift | [% of Sr] | -10...10 |
| **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 |
| Thread designation | | M30 x 1.5 |
| Materials | | stainless steel (1.4571/316Ti ); 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: 10 m, PVC; 2 x 0.5 mm²

Connection




Core colours :
BN = brown
BU = blue