

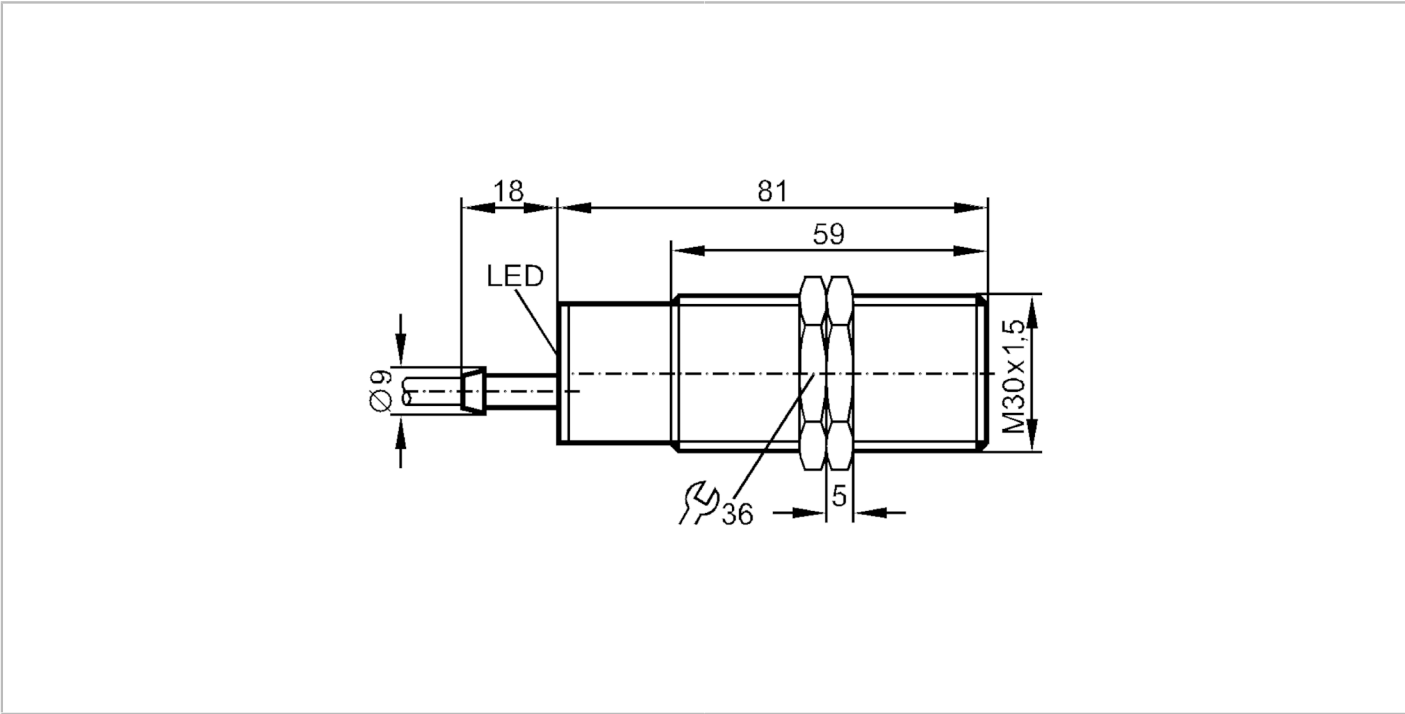


Inductive sensor

II-2015-ABOW

Article no longer available - archive entry

Alternative articles: II0006  
When selecting an alternative article and accessories please note that technical data may differ!



| Product characteristics                         |      |                        |
|-------------------------------------------------|------|------------------------|
| Output function                                 |      | normally open          |
| 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 open          |
| 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                     |



## Inductive sensor

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|                          |    |
|--------------------------|----|
| Short-circuit protection | no |
| Overload protection      | no |

| 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: 0.4 / copper: 0.3 |
| 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          | PBT                 |

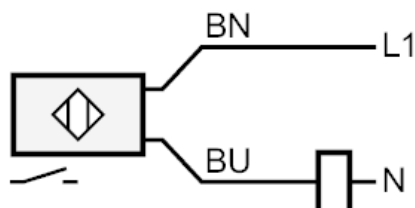
| Displays / operating elements |                                  |
|-------------------------------|----------------------------------|
| Display                       | switching status 1 x LED, yellow |

| Accessories    |              |
|----------------|--------------|
| Items supplied | lock nuts: 2 |

| Remarks       |        |
|---------------|--------|
| Pack quantity | 1 pcs. |

| Electrical connection        |  |
|------------------------------|--|
| Cable: 2 m, PVC; 2 x 0.5 mm² |  |

| Connection |  |
|------------|--|
|------------|--|



BN = Core colours :  
brown  
BU = blue