

# KI5200



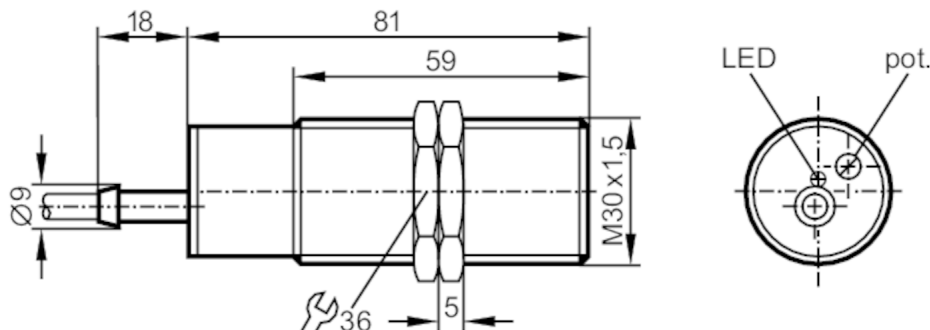
## Capacitive sensor

KI-3015-BPKG/NI

Article no longer available - archive entry

Alternative articles: KI5002

When selecting an alternative article and accessories please note that technical data may differ!



### Product characteristics

|                    |                    |
|--------------------|--------------------|
| Electrical design  | PNP                |
| Output function    | normally open      |
| Sensing range [mm] | 3...15             |
| Housing            | threaded type      |
| Dimensions [mm]    | M30 x 1.5 / L = 81 |

### Electrical data

|                             |            |
|-----------------------------|------------|
| Operating voltage [V]       | 10...36 DC |
| Current consumption [mA]    | 13; (24 V) |
| Protection class            | II         |
| Reverse polarity protection | yes        |

### Outputs

|                                                      |               |
|------------------------------------------------------|---------------|
| Electrical design                                    | PNP           |
| Output function                                      | normally open |
| Max. voltage drop switching output DC [V]            | 2.5           |
| Permanent current rating of switching output DC [mA] | 250           |
| Switching frequency DC [Hz]                          | 40            |
| Short-circuit protection                             | yes           |
| Type of short-circuit protection                     | pulsed        |
| Overload protection                                  | yes           |

### Detection zone

|                                    |        |
|------------------------------------|--------|
| Sensing range [mm]                 | 3...15 |
| Sensing range adjustable           | yes    |
| Factory setting sensing range [mm] | 15     |

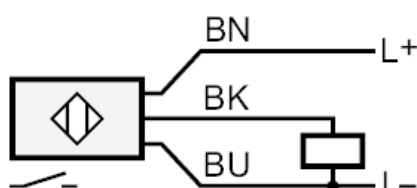
# KI5200



## Capacitive sensor

KI-3015-BPKG/NI

| Operating conditions                     |                  |                                                                     |
|------------------------------------------|------------------|---------------------------------------------------------------------|
| Ambient temperature                      | [°C]             | -25...70                                                            |
| Protection                               |                  | IP 65                                                               |
| Increased immunity                       |                  | yes; (increased immunity to conducted radio frequency interference) |
| Tests / approvals                        |                  |                                                                     |
| EMC                                      | EN 60947-5-2     |                                                                     |
| Mechanical data                          |                  |                                                                     |
| Housing                                  |                  | threaded type                                                       |
| Mounting                                 |                  | non-flush mountable                                                 |
| Dimensions                               | [mm]             | M30 x 1.5 / L = 81                                                  |
| Thread designation                       |                  | M30 x 1.5                                                           |
| Materials                                |                  | PBT                                                                 |
| Displays / operating elements            |                  |                                                                     |
| Display                                  | switching status | 1 x LED, yellow                                                     |
| Accessories                              |                  |                                                                     |
| Items supplied                           |                  | lock nuts: 2                                                        |
|                                          |                  | screwdriver: 1                                                      |
| Remarks                                  |                  |                                                                     |
| Pack quantity                            |                  | 1 pcs.                                                              |
| Electrical connection                    |                  |                                                                     |
| Cable: 2 m, PVC; 3 x 0.5 mm <sup>2</sup> |                  |                                                                     |
| Connection                               |                  |                                                                     |



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