

IN5010



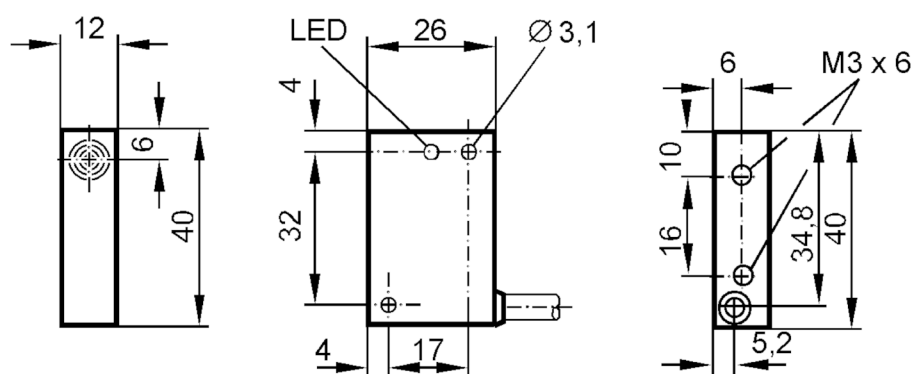
Inductive sensor

IN-3002LAPOG

Article no longer available - archive entry

Alternative articles: IN5186

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



Product characteristics

| | | |
|--------------------|---|-----------------|
| Electrical design |  | PNP |
| Output function | | normally closed |
| Sensing range [mm] | | 2 |
| Housing | | rectangular |
| Dimensions [mm] | | 40 x 12 x 26 |

Electrical data

| | | |
|-----------------------------|------|------------|
| Operating voltage | [V] | 10...55 DC |
| Current consumption | [mA] | 7; (24 V) |
| Reverse polarity protection | | no |

Outputs

| | |
|--|-----------------|
| Electrical design | PNP |
| Output function | normally closed |
| Max. voltage drop switching output DC [V] | 1 |
| Permanent current rating of switching output DC [mA] | 400 |
| Switching frequency DC [Hz] | 800 |
| Short-circuit protection | no |
| Overload protection | no |

Monitoring range

| | | |
|---------------|------|---|
| Sensing range | [mm] | 2 |
|---------------|------|---|

IN5010



Inductive sensor

IN-3002LAPOG

| | | |
|-----------------------|------|----------|
| Real sensing range Sr | [mm] | 2 ± 10 % |
| Operating distance | [mm] | 0...1.6 |

Accuracy / deviations

| | | |
|--------------------|---|----------|
| Correction factor | steel: 1 / stainless steel: 0.85 / brass: 0.4 / aluminum: 0.4 / copper: 0.3 | |
| Hysteresis | [% of Sr] | 3...15 |
| Switch-point drift | [% of Sr] | -10...10 |

Operating conditions

| | | |
|---------------------|------|----------|
| Ambient temperature | [°C] | -25...80 |
| Protection | | IP 65 |

Mechanical data

| | | |
|------------|------|-----------------|
| Housing | | rectangular |
| Mounting | | flush mountable |
| Dimensions | [mm] | 40 x 12 x 26 |
| Material | | PBT |

Displays / operating elements

| | | |
|---------|------------------|-----------------|
| Display | Switching status | 1 x LED, yellow |
|---------|------------------|-----------------|

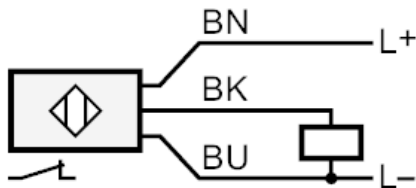
Remarks

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

Electrical connection

Cable: 2 m, PUR; 3 x 0.5 mm²

Connection



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