

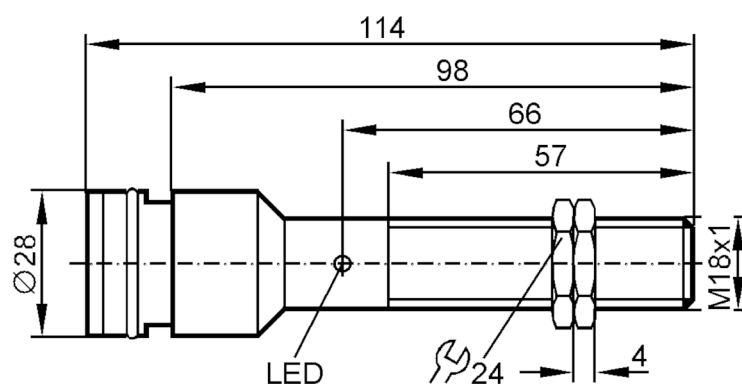
## Inductive sensor

IGA3005LANOG/TS-600-ANS

Article no longer available - archive entry

Alternative articles: IG5572

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



### Product characteristics

|                    |               |
|--------------------|---------------|
| Electrical design  | NPN           |
| Output function    | normally open |
| Sensing range [mm] | 5             |
| Housing            | threaded type |
| Dimensions [mm]    | M18 x 1       |

### Electrical data

|                             |            |
|-----------------------------|------------|
| Operating voltage [V]       | 10...36 DC |
| Current consumption [mA]    | 15; (24 V) |
| Reverse polarity protection | no         |

### Outputs

|                                                      |               |
|------------------------------------------------------|---------------|
| Electrical design                                    | NPN           |
| Output function                                      | normally open |
| Max. voltage drop switching output DC [V]            | 1             |
| Permanent current rating of switching output DC [mA] | 250           |
| Switching frequency DC [Hz]                          | 200           |
| Short-circuit protection                             | no            |
| Overload protection                                  | no            |

### Detection zone

|                    |   |
|--------------------|---|
| Sensing range [mm] | 5 |
|--------------------|---|

# IG5021



## Inductive sensor

IGA3005LANOG/TS-600-ANS

|                          |      |               |
|--------------------------|------|---------------|
| Real sensing range $S_r$ | [mm] | $5 \pm 10 \%$ |
| Operating distance       | [mm] | 0...4.05      |

### Accuracy / deviations

|                    |                                                                             |          |
|--------------------|-----------------------------------------------------------------------------|----------|
| Correction factor  | steel: 1 / stainless steel: 0.7 / brass: 0.4 / aluminium: 0.4 / copper: 0.3 |          |
| Hysteresis         | [X01]                                                                       | 3...15   |
| Switch point drift | [X01]                                                                       | -10...10 |

### Operating conditions

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

### Mechanical data

|                    |      |                          |
|--------------------|------|--------------------------|
| Housing            |      | threaded type            |
| Mounting           |      | flush mountable          |
| Dimensions         | [mm] | M18 x 1                  |
| Thread designation |      | M18 x 1                  |
| 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 - plug

Connector: 1 x Ø 28 mm; coding: A



### Connection

