

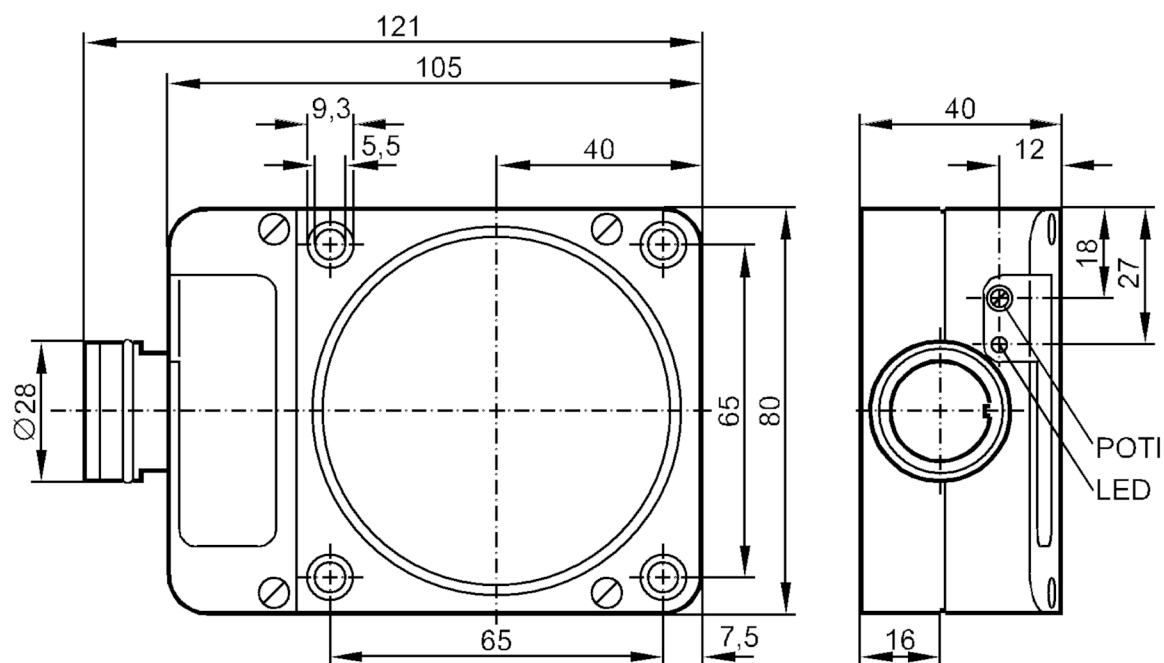
## Inductive sensor

IDE2040-ABOW/TS-700-A

Article no longer available - archive entry

Alternative articles: ID0034

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



## Product characteristics

|                 |      |               |
|-----------------|------|---------------|
| Output function |      | normally open |
| Sensing range   | [mm] | 40            |
| Housing         |      | rectangular   |
| Dimensions      | [mm] | 105 x 80 x 40 |

## Electrical data

|                             |      |             |
|-----------------------------|------|-------------|
| Frequency AC                | [Hz] | 47...63     |
| Operating voltage           | [V]  | 20...250 AC |
| 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                    |
| Short-time current rating of switching output   | [mA] | 2200; (20 ms / 0,5 Hz) |
| Switching frequency AC                          | [Hz] | 4                      |
| Short-circuit protection                        |      | no                     |
| Overload protection                             |      | no                     |



## Inductive sensor

IDE2040-ABOW/TS-700-A

| Detection zone                |      |           |
|-------------------------------|------|-----------|
| Sensing range                 | [mm] | 40        |
| Sensing range adjustable      |      | yes       |
| Factory setting sensing range | [mm] | 40        |
| Real sensing range Sr         | [mm] | 40 ± 10 % |
| Operating distance            | [mm] | 0...32.4  |

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

| Operating conditions |      |        |
|----------------------|------|--------|
| Ambient temperature  | [°C] | 0...50 |
| Protection           |      | IP 65  |

| Tests / approvals |              |         |
|-------------------|--------------|---------|
| EMC               | EN 60947-5-2 |         |
|                   | EN 55011     | class B |

| Mechanical data |      |                 |
|-----------------|------|-----------------|
| Housing         |      | rectangular     |
| Mounting        |      | flush mountable |
| Dimensions      | [mm] | 105 x 80 x 40   |
| Materials       |      | PPE modified    |

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

| Аксессуары     |  |                |
|----------------|--|----------------|
| Items supplied |  | screwdriver: 1 |

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

## Electrical connection - plug

Connector: 1 x Ø 28 mm; coding: A





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### Connection

