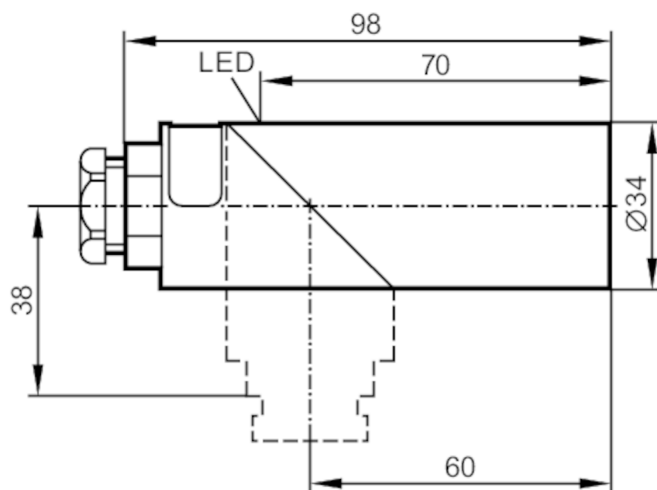


## Inductive AS-Interface sensor

IBE2020-ASI

Article no longer available - archive entry



## Product characteristics

|                    |               |
|--------------------|---------------|
| Electrical design  | AS-i          |
| Sensing range [mm] | 20            |
| Housing            | tubular       |
| Dimensions [mm]    | Ø 34 / L = 98 |

## Electrical data

|                             |                |
|-----------------------------|----------------|
| Operating voltage [V]       | 26.5...31.6 DC |
| Current consumption [mA]    | < 30           |
| Protection class            | III            |
| Reverse polarity protection | yes            |

## Outputs

|                                  |                    |
|----------------------------------|--------------------|
| Electrical design                | AS-i               |
| Short-circuit protection         | yes                |
| Type of short-circuit protection | yes (non-latching) |
| Overload protection              | yes                |

## Monitoring range

|                    |    |
|--------------------|----|
| Sensing range [mm] | 20 |
|--------------------|----|

## Operating conditions

|                          |          |
|--------------------------|----------|
| Ambient temperature [°C] | -25...70 |
| Protection               | IP 65    |

## Tests / approvals

|     |              |
|-----|--------------|
| EMC | EN 60947-5-2 |
|-----|--------------|

## AS-i classification

|                              |   |
|------------------------------|---|
| AS-i I/O configuration [hex] | 1 |
| AS-i ID code [hex]           | 1 |



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|                  |       |
|------------------|-------|
| AS-i certificate | 02701 |
|------------------|-------|

### Mechanical data

|                 |                     |
|-----------------|---------------------|
| Housing         | tubular             |
| Mounting        | non-flush mountable |
| Dimensions [mm] | Ø 34 / L = 98       |
| Material        | PBT; end cap: PC    |

### Displays / operating elements

|         |                  |                                                                                                                |
|---------|------------------|----------------------------------------------------------------------------------------------------------------|
| Display | Switching status | 1 x LED, yellow                                                                                                |
|         | Unsafe zone      | 1 x LED, red sensor coil wire break, sensor coil short circuit Sr: 0...10 % (< 10 Hz) Sn: 80...115 % (< 10 Hz) |

### Accessories

|                |                   |
|----------------|-------------------|
| Items supplied | Mounting clamp: 1 |
|----------------|-------------------|

### Remarks

|               |                                        |
|---------------|----------------------------------------|
| Remarks       | Assured range: approx. 10...80 % of Sn |
| Pack quantity | 1 pcs.                                 |

### Electrical connection

terminals: ...2.5 mm<sup>2</sup>

### Connection

