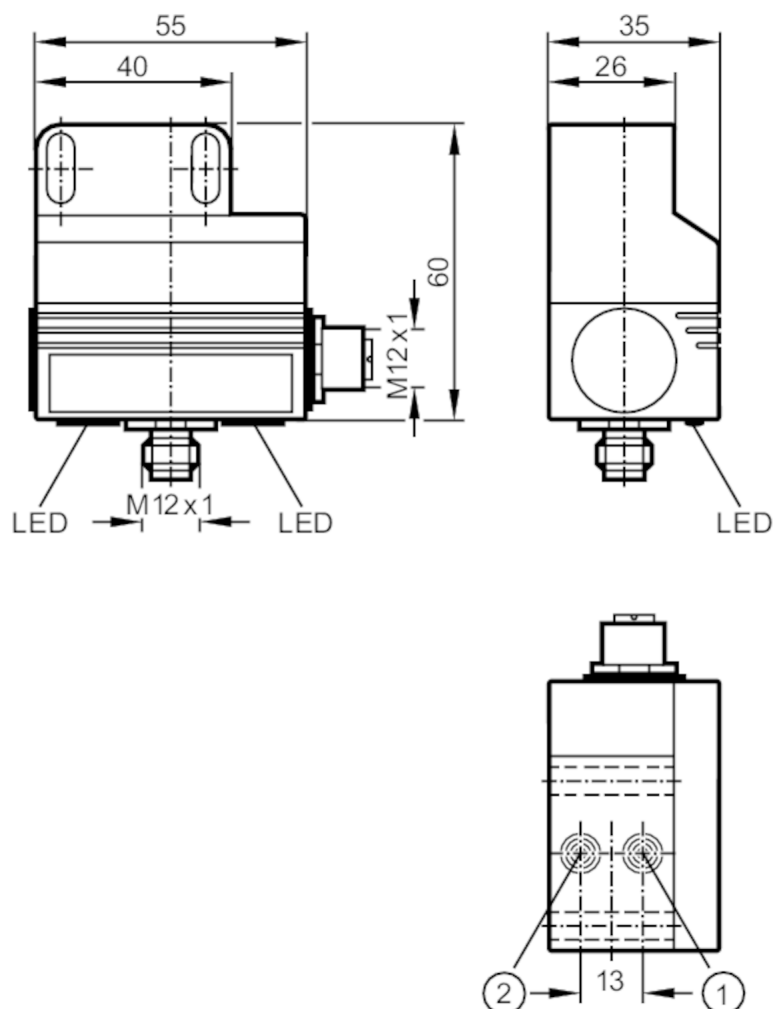


## AS-Interface dual sensor for pneumatic valve actuators

DUAL SENSOR T5 2SI 1DO T M12



1 sensor 1  
2 sensor 2



## Product characteristics

|                   |      |              |
|-------------------|------|--------------|
| Electrical design |      | AS-i         |
| Sensing range     | [mm] | 4            |
| Dimensions        | [mm] | 55 x 60 x 35 |

## Electrical data

|                     |      |                                             |
|---------------------|------|---------------------------------------------|
| Operating voltage   | [V]  | 26.5...31.6 DC; ("supply class 2" to cULus) |
| Current consumption | [mA] | < 160                                       |

## Outputs

|                                                 |      |      |
|-------------------------------------------------|------|------|
| Electrical design                               |      | AS-i |
| Permanent current rating of switching output DC | [mA] | 100  |

## Detection zone

|               |      |   |
|---------------|------|---|
| Sensing range | [mm] | 4 |
|---------------|------|---|



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| Operating conditions                                                                           |                                 |                     |
|------------------------------------------------------------------------------------------------|---------------------------------|---------------------|
| Ambient temperature                                                                            | [°C]                            | -20...70            |
| Protection                                                                                     |                                 | IP 67               |
| Tests / approvals                                                                              |                                 |                     |
| EMC                                                                                            | EN 50295                        |                     |
|                                                                                                | EN 61000-6-2                    |                     |
| MTTF                                                                                           | [years]                         | 310                 |
| AS-i classification                                                                            |                                 |                     |
| AS-i version                                                                                   |                                 | 2.1                 |
| Extended addressing mode                                                                       |                                 | yes                 |
| AS-i I/O configuration                                                                         | [hex]                           | 7                   |
| AS-i ID code                                                                                   | [hex]                           | A.E                 |
| AS-i certificate                                                                               |                                 | 75002               |
| Mechanical data                                                                                |                                 |                     |
| Weight                                                                                         | [g]                             | 179                 |
| Mounting                                                                                       |                                 | non-flush mountable |
| Dimensions                                                                                     | [mm]                            | 55 x 60 x 35        |
| Materials                                                                                      |                                 | PBT                 |
| Displays / operating elements                                                                  |                                 |                     |
| Display                                                                                        | switching status                | 2 x LED, yellow     |
| Accessories                                                                                    |                                 |                     |
| Items supplied                                                                                 | Reinforcement bracket           |                     |
|                                                                                                | socket head screws: 2 x M5 x 35 |                     |
|                                                                                                | washers: 2                      |                     |
| Remarks                                                                                        |                                 |                     |
| Pack quantity                                                                                  |                                 | 1 pcs.              |
| Electrical connection                                                                          |                                 |                     |
| Electrical connection - plug                                                                   |                                 |                     |
| Connector: 1 x M12; coding: A; Locking: stainless steel (1.4305 / 303)                         |                                 |                     |
| <div></div> |                                 |                     |

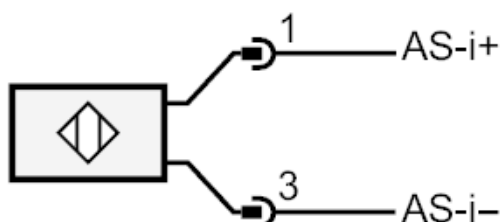




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DUAL SENSOR T5 2SI 1DO T M12

### Connection

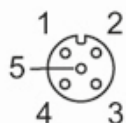


### Electrical connection

|   |        |
|---|--------|
| 1 | AS-i + |
| 3 | AS-i - |

### Electrical connection - socket

Connector: 1 x M12; coding: A; Locking: stainless steel (1.4305 / 303)



### Outputs

|   |                      |
|---|----------------------|
| 3 | external voltage -   |
| 4 | switching output 1 + |