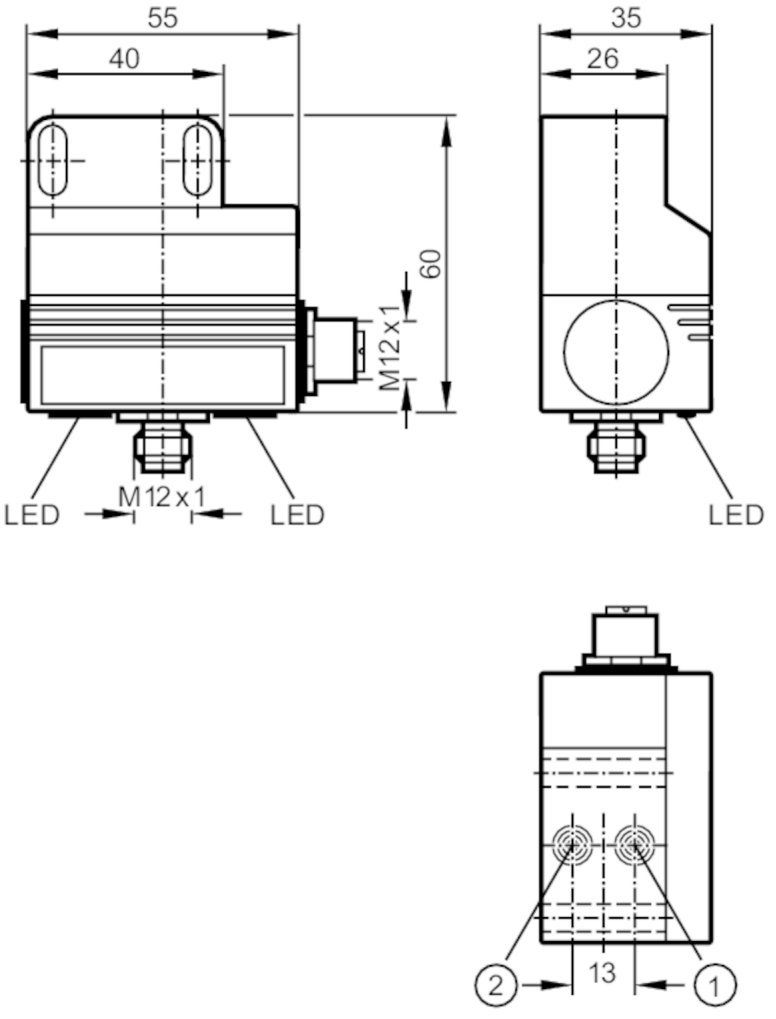
# AC2317

## AS-Interface dual sensor for pneumatic valve actuators

DUAL SENSOR T6 2SI 2DO 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) |
| Max. current consumption from AS-i | [mA] | 260 |
| Integrated watchdog | | yes |
| **Inputs / outputs** | | |
| Number of inputs and outputs | | Number of digital inputs: 2; Number of digital outputs: 2 |
| **Inputs** | | |
| Number of digital inputs | | 2 |
| Sensor supply of the inputs | | AS-i |

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| | | | |
|---|---|---|---|
| Power supply | [V] | 20...30 | |
| Digital inputs protected against short circuits | | no | |
| **Outputs** | | | |
| Electrical design | | AS-i | |
| Number of digital outputs | | 2 | |
| Max. current load per output | [mA] | 100 | |
| Short-circuit proof | | yes | |
| Electrically separated | | no | |
| Actuator supply outputs | | AS-i | |
| **Detection zone** | | | |
| Sensing range | [mm] | 4 | |
| **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 profile | | S-7.A.E | |
| AS-i I/O configuration | [hex] | 7 | |
| AS-i ID code | [hex] | A.E | |
| AS-i certificate | | 75001 | |
| **Mechanical data** | | | |
| Weight | [g] | 178.5 | |
| Mounting | | non-flush mountable | |
| Dimensions | [mm] | 55 x 60 x 35 | |
| Materials | | PBT; PC | |
| **Displays / operating elements** | | | |
| Display | | operation | 1 x LED, green |
| | | function | 1 x LED, yellow |
| | | error | 1 x LED, red |
| **Accessories** | | | |
| Items supplied | | Reinforcement bracket | |
| | | socket head screws: 2 x M5 x 35 | |
| | | washers: 2 | |
| **Remarks** | | | |
| Remarks | | The outputs must not be set simultaneously if the total load current exceeds 100 mA. | |
| Pack quantity | | 1 pcs. | |

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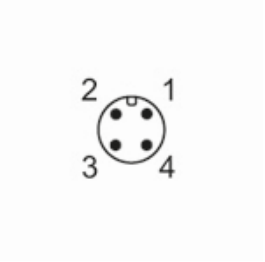
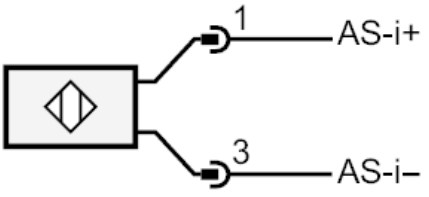
### Electrical connection - plug

Connector: 1 x M12; coding: A; Moulded body: stainless steel




#### Connection

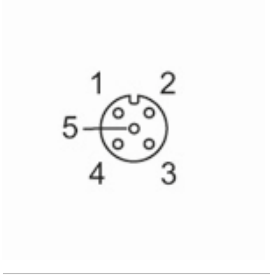



#### Elektrischer Anschluss

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

### Electrical connection - socket

Connector: 1 x M12; coding: A; Moulded body: stainless steel




#### Ausgänge

| | |
|---|---|
| 2 | switching output 2 + |
| 3 | external voltage - |
| 4 | switching output 1 + |