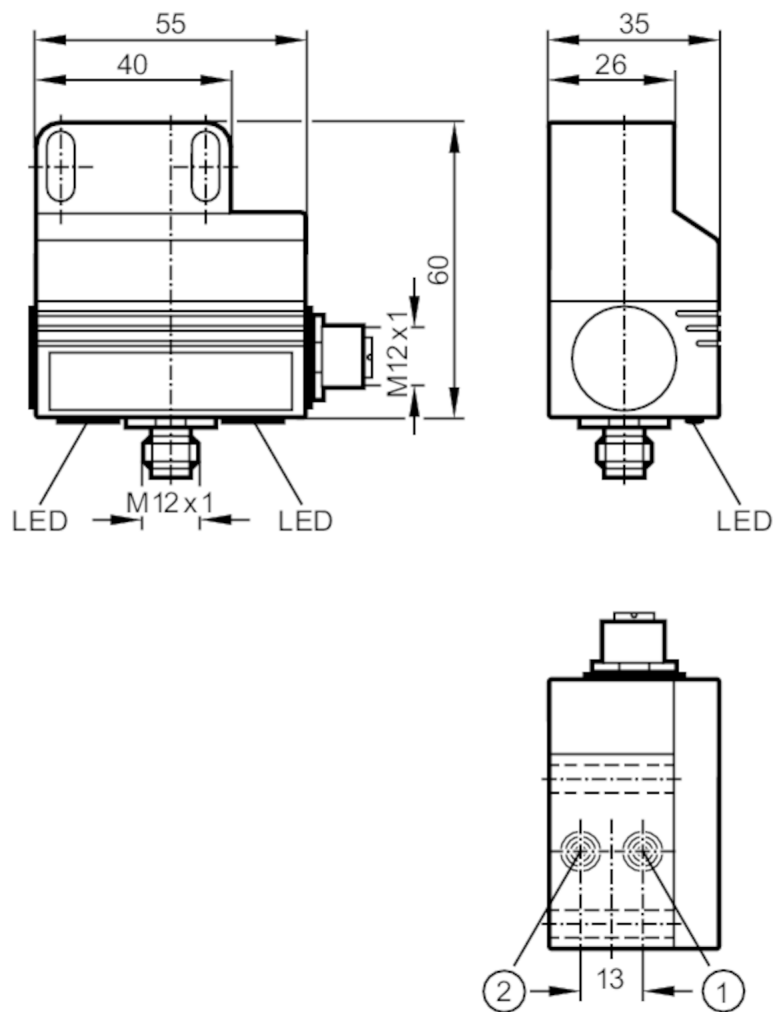




AS-Interface dual sensor for pneumatic valve actuators

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                                                      |



## AS-Interface dual sensor for pneumatic valve actuators

DUAL SENSOR T6 2SI 2DO T M12

|                                                 |                                                                                      |                     |
|-------------------------------------------------|--------------------------------------------------------------------------------------|---------------------|
| Подача напруги                                  | [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                                            | [ANN]                                                                                | 310                 |
| AS-i classification                             |                                                                                      |                     |
| AS-i version                                    |                                                                                      | 2.1                 |
| Розширений режим адресації                      |                                                                                      | 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        |
| Аксессуары                                      |                                                                                      |                     |
| 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.                                                                               |                     |

# AC2317



## AS-Interface dual sensor for pneumatic valve actuators

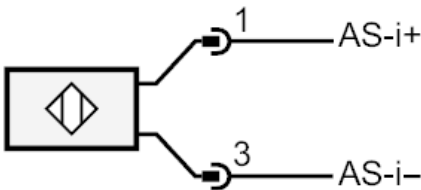
DUAL SENSOR T6 2SI 2DO T M12

### Electrical connection - plug

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



### Connection

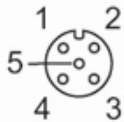


### Elektrischer Anschluss

|   |        |
|---|--------|
| 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 + |