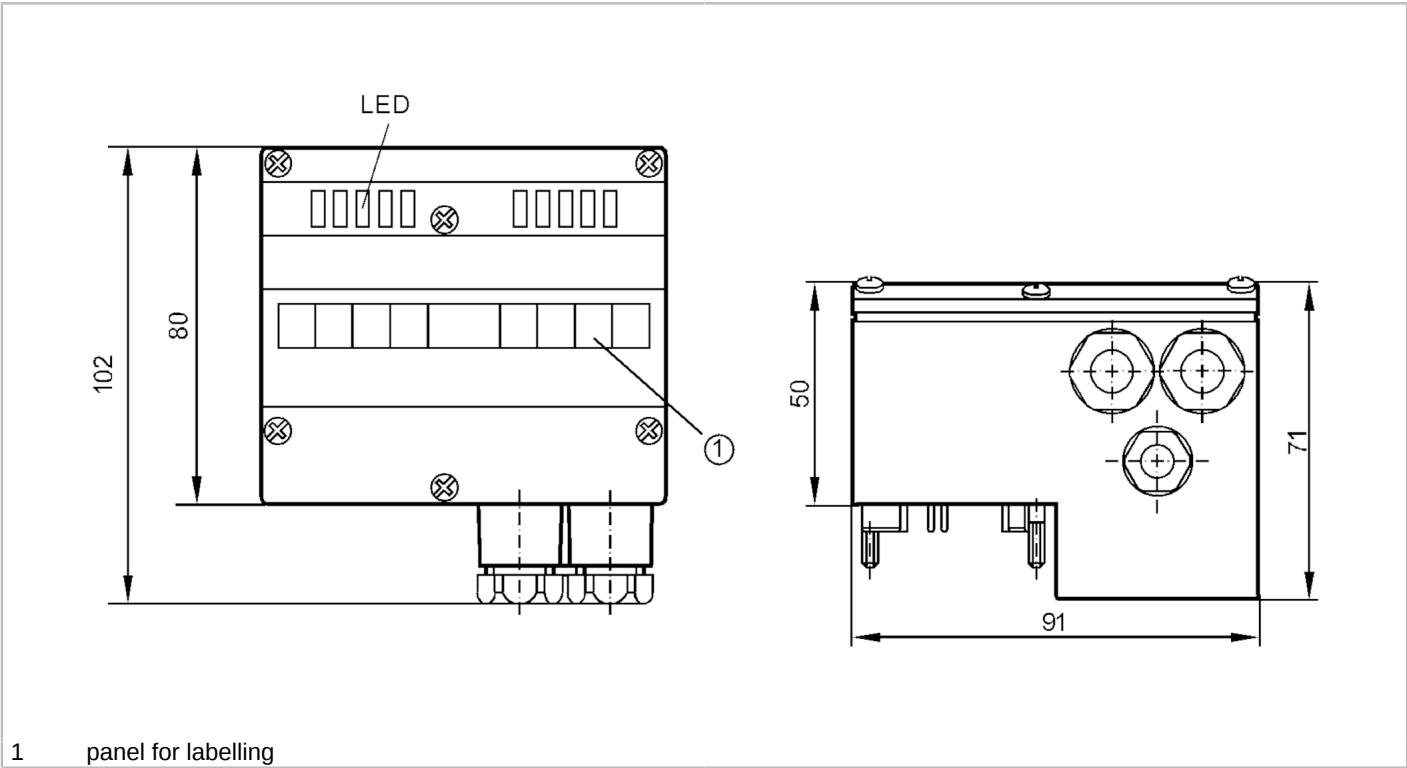


# AC2617



## AS-Interface universal module

UniversalModule 2AI(V) IP65



1 panel for labelling



| Application                                     |      |                                             |
|-------------------------------------------------|------|---------------------------------------------|
| Application                                     |      | field installation                          |
| Electrical data                                 |      |                                             |
| Operating voltage                               | [V]  | 26.5...31.6 DC                              |
| Max. current consumption from AS-i              | [mA] | 140                                         |
| Reverse polarity protection                     |      | yes                                         |
| Additional voltage supply                       | [V]  | 24...30 DC; (AUX)                           |
| Additional voltage supply                       |      | optional                                    |
| Max. current consumption from additional supply | [mA] | 550; (AUX)                                  |
| Inputs / outputs                                |      |                                             |
| Number of inputs and outputs                    |      | Number of analog inputs: 2                  |
| Inputs                                          |      |                                             |
| Sensor supply of the inputs                     |      | AS-i / AUX                                  |
| Max. total current rating of inputs             | [mA] | 100                                         |
| Number of analog inputs                         |      | 2; (Anschluss von 2-, 3-, 4-Draht-Sensoren) |
| Analog input (voltage)                          | [V]  | 0...10                                      |
| Analog inputs protected against short circuits  |      | no                                          |
| Resolution of analog input                      |      | 16 (1 bit = 1 mV)                           |
| Precision analog input                          | [%]  | 0,5                                         |



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| Operating conditions        |      |                      |
|-----------------------------|------|----------------------|
| Ambient temperature         | [°C] | 0...70               |
| Storage temperature         | [°C] | -25...85             |
| Max. relative air humidity  | [%]  | 90; (non condensing) |
| Max. height above sea level | [m]  | 2000                 |
| Protection                  |      | IP 65                |

| Tests / approvals |          |     |
|-------------------|----------|-----|
| EMC               | EN 50295 |     |
| MTTF              | [years]  | 140 |

| AS-i classification    |               |                             |      |           |       |               |  |
|------------------------|---------------|-----------------------------|------|-----------|-------|---------------|--|
| AS-i master profile    | M3; M4        |                             |      |           |       |               |  |
| AS-i profile           | S-7.3.D       |                             |      |           |       |               |  |
| AS-i I/O configuration | [hex]         | 7                           |      |           |       |               |  |
| AS-i ID code           | [hex]         | 3.D                         |      |           |       |               |  |
| Parameter bits         | Parameter bit | Description                 |      |           |       |               |  |
|                        | P0            | filter in the A/D converter | : 1  | 50 Hz     | * / 0 | 60 Hz         |  |
|                        | P1            | channel                     | 2: 1 | projected | / 0   | not projected |  |
|                        | P2            | peripheral fault            | : 1  | activated | / 0   | disabled      |  |
|                        | P3            | not used                    | : 1  | reserved  | / 0   | not reserved  |  |

| Mechanical data  |      |                                    |
|------------------|------|------------------------------------|
| Weight           | [g]  | 289.5                              |
| Housing          |      | rectangular                        |
| Type of mounting |      | AS-i interface to FC-E lower parts |
| Dimensions       | [mm] | 102 x 91 x 71                      |
| Material         |      | PBT                                |

| Displays / operating elements |               |                                |
|-------------------------------|---------------|--------------------------------|
| Display                       | analog signal | LED, yellow Channels AI1...AI2 |
|                               | Power         | LED, green AS-i, AUX           |
|                               | errors        | LED, red                       |

| Electrical connection |            |
|-----------------------|------------|
| Module connection     | Flat cable |

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

| Electrical connection |  |
|-----------------------|--|
| cage clamps:          |  |

# AC2617

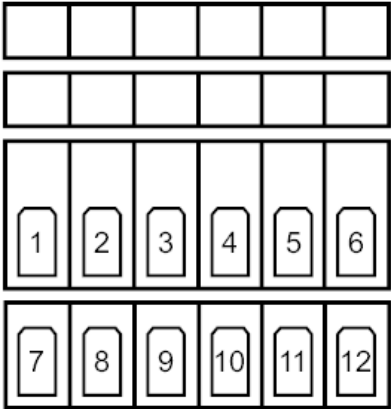


## AS-Interface universal module

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contact pins to module lower part, FK / FK-E / PG:

### Connection



|    |                         |
|----|-------------------------|
| 1  | I+ Sensor supply 2 +24V |
| 2  | V2 analog input V       |
| 3  | I- Sensor supply 2 0V   |
| 4  | COM 2 analog input 2 0V |
| 5  | Shield                  |
| 6  | Shield                  |
| 7  | I+ Sensor supply 1 +24V |
| 8  | V1 analog input V       |
| 9  | I- Sensor supply 1 0V   |
| 10 | COM 1 analog input 1 0V |
| 11 | FE functional earth     |
| 12 | FE functional earth     |