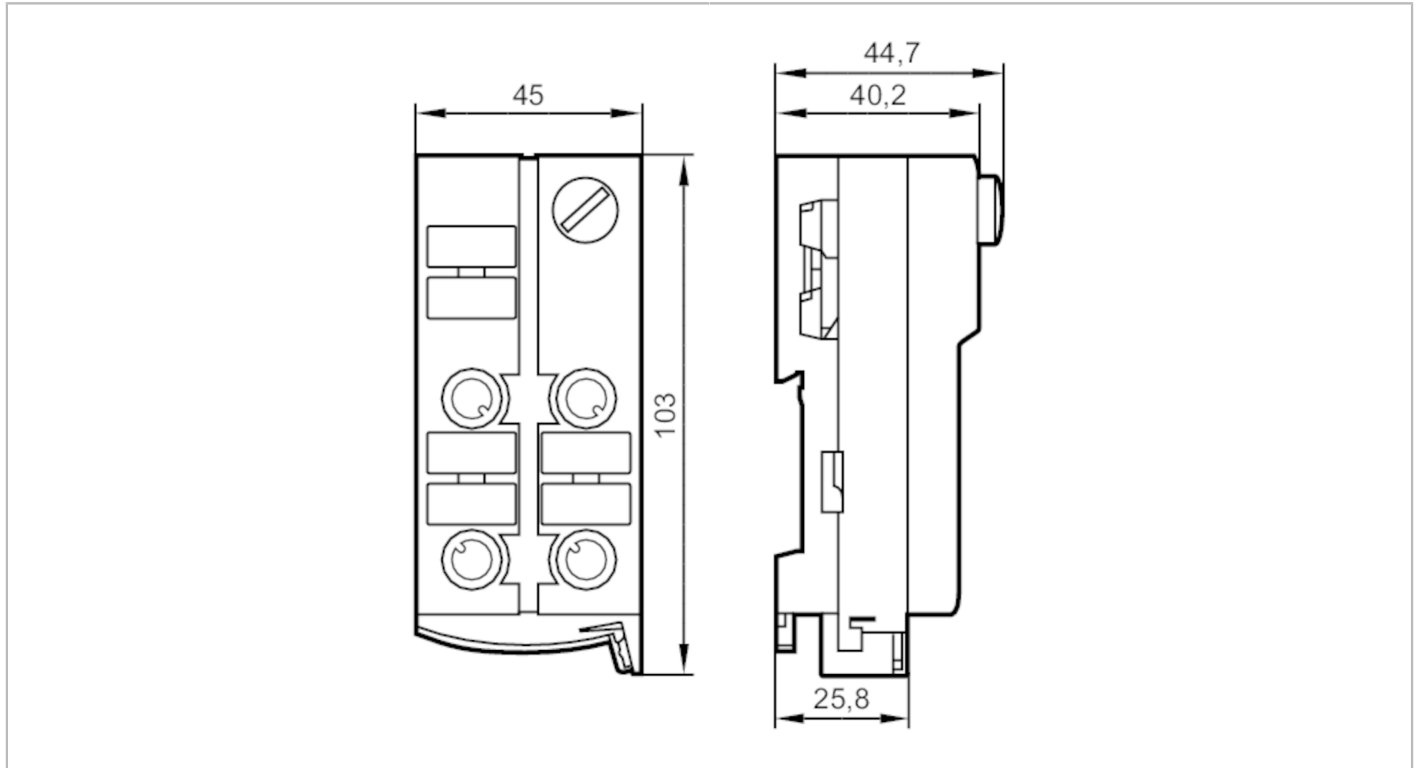


AC522A



AS-Interface ClassicLine module with quick mounting technology

ClassicLine 2AI C II 3D



| Application | |
|--|--|
| Application | AS-i ATEX module |
| Electrical data | |
| Operating voltage [V] | 26.5...31.6 DC |
| Max. current consumption from AS-i [mA] | 250 |
| Reverse polarity protection | yes |
| Inputs / outputs | |
| Number of inputs and outputs | Number of analog inputs: 2 |
| Inputs | |
| Sensor supply of the inputs | AS-i |
| Number of analog inputs | 2; (Anschluss von 2- und 3-Draht-Sensoren) |
| Analog input (current) [mA] | 4...20 |
| Analog inputs protected against short circuits | yes |
| Resolution of analog input | 12 bit |
| Operating conditions | |
| Ambient temperature [°C] | -10...50 |
| Protection | IP 50 |
| Tests / approvals | |
| ATEX marking | Ex II 3D Ex tc IIIB T80°C Dc X IP50 |
| EMC | EN 50295 |
| MTTF [years] | 174 |

AC522A



AS-Interface ClassicLine module with quick mounting technology

ClassicLine 2AI C II 3D

| AS-i classification | |
|------------------------------|-------------------|
| AS-i version | 2.11; 3.0 |
| AS-i addressing | Addressing socket |
| Extended addressing mode | no |
| AS-i profile | S-7.3.D |
| AS-i I/O configuration [hex] | 7 |
| AS-i ID code [hex] | 3.D |
| AS-i certificate pending | yes |

| Mechanical data | |
|------------------|---|
| Weight [g] | 233 |
| Type of mounting | AS-i flat cable connection |
| Material | PA; Piercing contacts: CuSn6 nickel-plated and tin-plated |

| Displays / operating elements | | |
|-------------------------------|----------|-------------------------------|
| Display | Power | LED, green Voltage AS-i |
| | errors | LED, red |
| | Function | LED, yellow Channels AI1, AI2 |

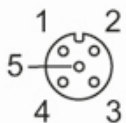
| Electrical connection | |
|-----------------------|------------|
| AS-i bus connection | Flachkabel |

| Accessories | |
|------------------------|---|
| Items supplied | lower part |
| Accessories (optional) | Protective cap: M12, E73004 impact protection housing:, E7000A |

| Remarks | |
|---------------|---|
| Remarks | Mechanical protection has to be implemented. Otherwise the unit must be installed together with the impact protection housing (E7000A). When the actuators are supplied from AS-i the load must not exceed a maximum of 200 mA. There is an electrical connection between the sensor and AS-i. |
| Pack quantity | 1 pcs. |

Electrical connection
quick mounting technology for AS-i flat cable: ; three selectable directions

Connector: M12



- 1 Sensor supply +24V
- 2 AI + analog input
- 3 Sensor supply 0V / analog input AI-
- 5 functional earth