

AC2509

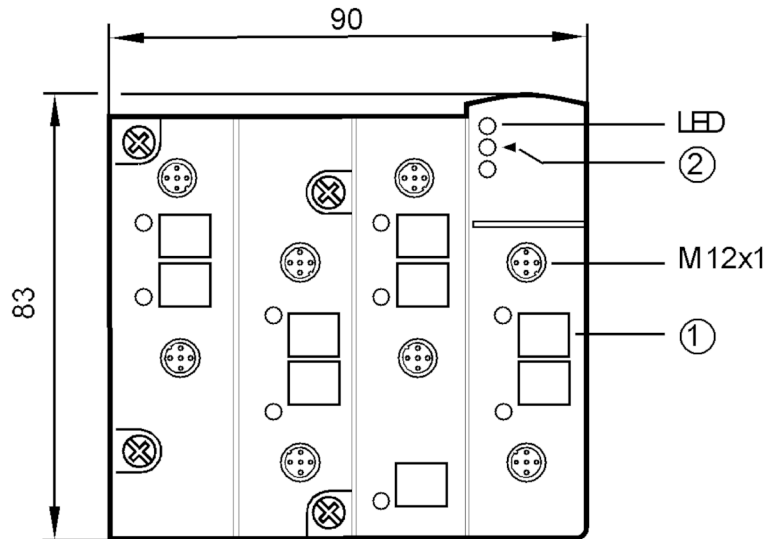


AS-Interface ClassicLine module

ClassicLine90 4DI 4DO T M12

Article no longer available - archive entry

Alternative article: AC5209 When selecting an alternative article and accessories please note that technical data may differ! – When selecting an alternative article and accessories please note that technical data may differ!



- 1 panel for labelling
- 2 fixture infrared adapter



Electrical data

| | | |
|------------------------------------|------|----------------|
| Operating voltage | [V] | 26.5...31.6 DC |
| Max. current consumption from AS-i | [mA] | 250 |
| Max. current load total | [A] | 2 |
| Integrated watchdog | | yes |

Inputs / outputs

| | |
|------------------------------|---|
| Number of inputs and outputs | Number of digital inputs: 4; Number of digital outputs: 4 |
|------------------------------|---|

Inputs

| | |
|---|-------------------------------|
| Number of digital inputs | 4 |
| Input circuit of digital inputs | PNP |
| voltage supply | [V] 18...30; (via flat cable) |
| Max. total current rating of inputs | [mA] 200 |
| Input current High | [mA] 6...10 |
| Input current low | [mA] 0...2 |
| Min. switching level high signal | [V] 11 |
| Digital inputs protected against short circuits | yes |
| Sensor supply of the inputs | AS-i |



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| Outputs | | | | | |
|-----------------------------------|--|-------------|-----|-----|-----|
| Electrical design | AS-i | | | | |
| Number of digital outputs | 4 | | | | |
| Circuit | PNP | | | | |
| Voltage range DC | 15...30; (to PELV; via flat cable; for cULus the voltage must comply with the values specified in "Limited Voltage/Current") | | | | |
| Max. current load per output [mA] | 1000; (utilization category DC-13 (control of electromagnets): 20 W (IEC 60947-5-1); according to cULus: 700 mA) | | | | |
| Short-circuit proof | yes | | | | |
| Electrically separated | yes | | | | |
| Operating conditions | | | | | |
| Ambient temperature [°C] | -25...70 | | | | |
| Protection | IP 67 | | | | |
| Tests / approvals | | | | | |
| EMC | EN 50295 | | | | |
| MTTF [years] | 171 | | | | |
| AS-i classification | | | | | |
| AS-i version | 2.1 | | | | |
| AS-i addressing | IR addressing possible | | | | |
| Extended addressing mode possible | no | | | | |
| AS-i profile | S-7.0.E | | | | |
| AS-i I/O configuration [hex] | 7 | | | | |
| AS-i ID code [hex] | 0.E | | | | |
| AS-i certificate | 39301 | | | | |
| Data bits | Data bit | D0 | D1 | D2 | D3 |
| | Input | 1 | 2 | 3 | 4 |
| | Socket | I-1 | I-2 | I-3 | I-4 |
| | Pin | 2+4 | 2+4 | 2+4 | 2+4 |
| | Output | 1 | 2 | 3 | 4 |
| | Socket | O-1 | O-2 | O-3 | O-4 |
| | Pin | 4 | 4 | 4 | 4 |
| | | | | | |
| Mechanical data | | | | | |
| Weight [g] | 192 | | | | |
| Type of mounting | AS-i interface to FC-E lower parts | | | | |
| Material | PBT | | | | |
| Displays / operating elements | | | | | |
| Display | Power | LED, green | | | |
| | errors | LED, red | | | |
| | Function | LED, yellow | | | |
| Accessories | | | | | |
| Accessories (optional) | Module lower part | | | | |

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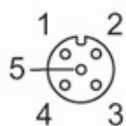
| Remarks | |
|---------------|---|
| Remarks | Inputs and outputs must be electrically isolated. Do not connect any of the following points to an external potential: I-, I+, I1, I2, I3, I4 |
| Notes | The connections are electrically connected with the AS-i cable. Discontinued article |
| Pack quantity | 1 pcs. |

Electrical connection

contact pins to module lower part, FK-E:

| | Inputs |
|-----|-------------------------------|
| 1 | Sensor supply L+ |
| 2+4 | Data input internally bridged |
| 3 | Sensor supply L- |
| 5 | not used |
| | Outputs |
| 1 | not used |
| 2 | not used |
| 3 | External voltage AUX - |
| 4 | Switching output + |
| 5 | not used |

Connector: M12



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