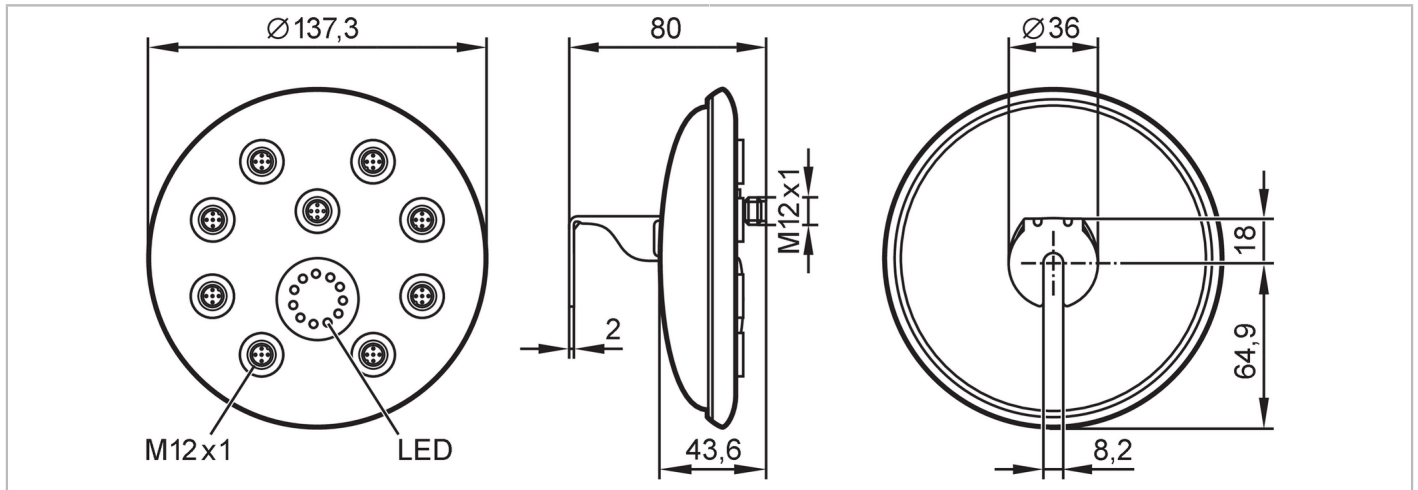


AC2910



AS-Interface ProcessLine module

ProcessLine 8DI IP69K



| Application | |
|---|--|
| Application | sanitary and wet areas in the food industry |
| Electrical data | |
| Operating voltage [V] | 26.5...31.6 DC |
| Max. current consumption from AS-i [mA] | 500 |
| Inputs / outputs | |
| Number of inputs and outputs | Number of digital inputs: 8 |
| Inputs | |
| Number of digital inputs | 8; (2 x Slave) |
| Input circuit of digital inputs | PNP; (type 2 according to IEC 61131-2) |
| Sensor supply of the inputs | AS-i |
| Voltage supply [V] | 18...30; (DC) |
| Max. total current rating of inputs [mA] | 400 |
| Input current High [mA] | 6...10 |
| Input current low [mA] | 0...2 |
| Switching level high [V] | > 11 |
| Digital inputs protected against short circuits | yes |
| Operating conditions | |
| Ambient temperature [°C] | -5...70 |
| Max. relative air humidity [%] | 90; (linearly decreasing to 50 % (40 °C) non condensing) |
| Max. height above sea level [m] | 2000 |
| Protection | IP 68; IP 69K |
| Degree of soiling | 2 |
| Tests / approvals | |
| EMC | EN 62026-2 EN 61000-6-2 |
| MTTF [years] | 212 |

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AS-Interface ProcessLine module

ProcessLine 8DI IP69K

| AS-i classification | | | | | |
|-------------------------------|---|-------------|-------------|-------|-------------|
| AS-i version | 2.1 | | | | |
| Extended addressing mode | yes | | | | |
| AS-i master profile | M2; M3; M4 | | | | |
| AS-i profile | S-0.A.E | | | | |
| AS-i I/O configuration [hex] | 0 | | | | |
| AS-i ID code [hex] | A.E | | | | |
| AS-i certificate | 88901 | | | | |
| Data bits | Data bit | D0 | D1 | D2 | D3 |
| | Input | 1 | 2 | 3 | 4 |
| | Socket | I-1/2 | I-1/2 / I-2 | I-3/4 | I-3/4 / I-4 |
| | Pin | 4 | 2 4 | 4 | 2 4 |
| Mechanical data | | | | | |
| Weight [g] | 644 | | | | |
| Housing | tubular | | | | |
| Type of mounting | Mounting base | | | | |
| Dimensions [mm] | Ø 137.3 / L = 80 | | | | |
| Material | threaded bush: stainless steel (1.4404 / 316L); LED-Fenster: PC; O-ring: EPDM; Protective cap: PP | | | | |
| Displays / operating elements | | | | | |
| Display | Power | LED, green | | | |
| | errors | LED, red | | | |
| | Function | LED, yellow | | | |
| Electrical connection | | | | | |
| Module connection | M12 | | | | |
| Accessories | | | | | |
| Items supplied | Protective cap: M12, E70297 | | | | |
| Accessories (optional) | Torque wrench:, E70390 | | | | |
| | Flat cable insulation displacement connector:, E70454 | | | | |
| Remarks | | | | | |
| Remarks | Inputs and outputs must be electrically isolated. | | | | |
| | Do not connect any of the following points to an external potential: | | | | |
| | I-, I+, I-1/2, I-2, I-3/4, I-4 | | | | |
| | The connections are electrically connected with the AS-i cable. | | | | |
| | Default setting of the ID1 codes: slave 1=1 / slave 2=2 | | | | |
| Pack quantity | The round cable connected to AS-i should not be longer than 2m. | | | | |
| | 1 pcs. | | | | |

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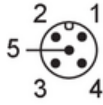


AS-Interface ProcessLine module

ProcessLine 8DI IP69K

Electrical connection - AS-i

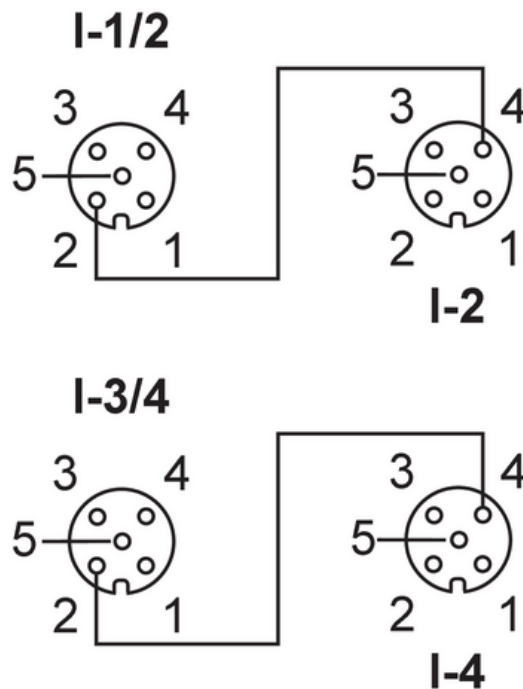
Connector: M12; coding: A; Contacts: 5; Tightening torque: 1.2...1.4 Nm



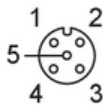
| | |
|---|---------------------|
| 1 | AS-i+ |
| 2 | n.c. |
| 3 | AS-i- |
| 4 | n.c. |
| 5 | functional earth FE |

Electrical connection - Inputs

Connection



Connector: M12; coding: A; Contacts: 5; Tightening torque: 1.2...1.4 Nm



| | |
|---|------------------|
| 1 | Sensor supply L+ |
| 3 | Sensor supply L- |
| 5 | functional earth |