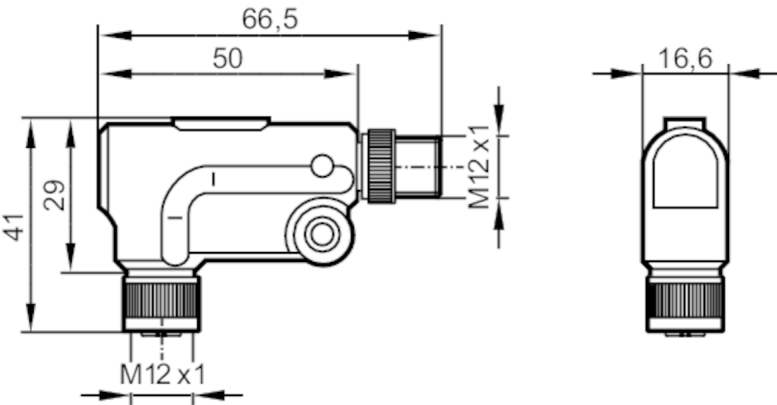




Evaluation system and display for analog signals

SIGNAL ADPTR, 0-10V IN TO IOL



| Application                  |                                                                       |          |
|------------------------------|-----------------------------------------------------------------------|----------|
| Application                  | decentralized display, preprocessing and conversion of analog signals |          |
| Electrical data              |                                                                       |          |
| Nominal voltage DC           | [V]                                                                   | 24       |
| Current consumption          | [mA]                                                                  | 120      |
| Reverse polarity protection  |                                                                       | yes      |
| Inputs / outputs             |                                                                       |          |
| Number of inputs and outputs | Number of analog inputs: 1; Number of digital outputs: 1              |          |
| Inputs                       |                                                                       |          |
| Number of analog inputs      |                                                                       | 1        |
| Analog input (voltage)       | [V]                                                                   | 0...10   |
| Input resistance             | [kΩ]                                                                  | 100      |
| Resolution of analog input   |                                                                       | 12 bit   |
| Precision analog input       | [%]                                                                   | 0,25     |
| Outputs                      |                                                                       |          |
| Number of digital outputs    |                                                                       | 1        |
| Circuit                      |                                                                       | IO-Link  |
| Interfaces                   |                                                                       |          |
| Communication interface      | IO-Link                                                               |          |
| Supported DeviceIDs          | Type of operation                                                     | DeviceID |
|                              | default                                                               | 65536    |
| IO-Link Device               |                                                                       |          |
| IO-Link revision             |                                                                       | 1.1      |
| SIO mode                     |                                                                       | no       |
| Required master port class   |                                                                       | A/B      |
| Process data analog          |                                                                       | 2        |
| Operating conditions         |                                                                       |          |
| Ambient temperature          | [°C]                                                                  | -25...60 |
| Storage temperature          | [°C]                                                                  | -25...85 |
| Max. relative air humidity   | [%]                                                                   | 95       |
| Max. height above sea level  | [m]                                                                   | 3000     |



Evaluation system and display for analog signals

SIGNAL ADPTR, 0-10V IN TO IOL

|            |              |
|------------|--------------|
| Protection | IP 67; IP 65 |
|------------|--------------|

Mechanical data

|        |     |         |
|--------|-----|---------|
| Weight | [g] | 151.046 |
|--------|-----|---------|

|          |                       |
|----------|-----------------------|
| Material | Housing materials: PA |
|----------|-----------------------|

Displays / operating elements

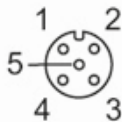
|         |        |             |
|---------|--------|-------------|
| Display | Output | LED, yellow |
|         | Power  | LED, green  |

Remarks

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

Electrical connection - Socket

Connector: M12; coding: A



Socket

|   |                      |
|---|----------------------|
| 1 | L+ Sensor supply     |
| 2 | not used             |
| 3 | L- Sensor supply     |
| 4 | 0...10V analog input |
| 5 | not used             |

Electrical connection - plug

Connector: M12; coding: A



plug

|   |               |
|---|---------------|
| 1 | L+ supply     |
| 2 | not used      |
| 3 | L- supply     |
| 4 | IO-Link (C/Q) |