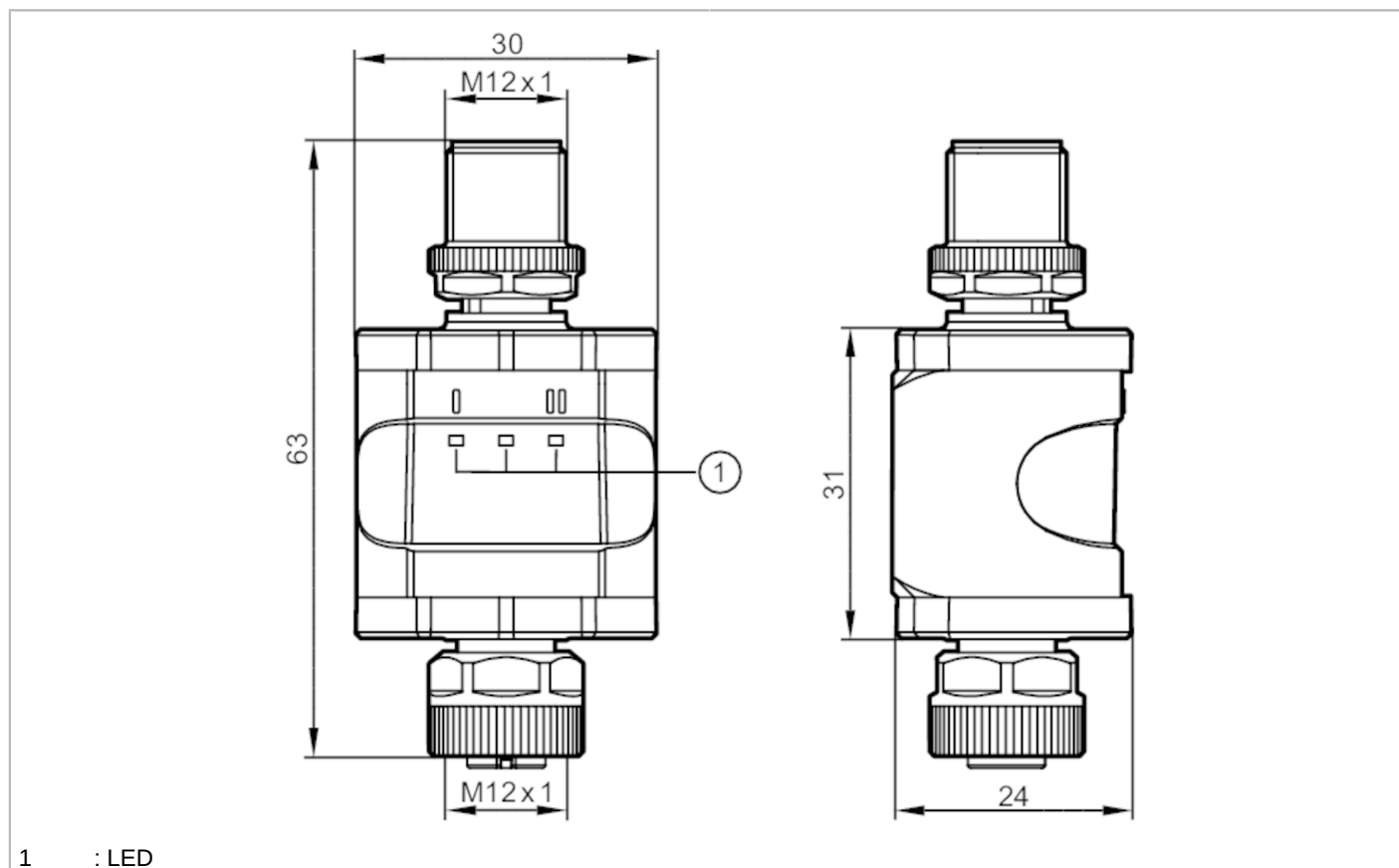




## Converter 0...10 V - IO-Link

Converter 2x0-10V/IO-Link



### Product characteristics

|                              |                              |
|------------------------------|------------------------------|
| Number of inputs and outputs | Number of analogue inputs: 2 |
| Communication interface      | IO-Link                      |

### Electrical data

|                     |      |                            |
|---------------------|------|----------------------------|
| Operating voltage   | [V]  | 18...30 DC; (to SELV/PELV) |
| Nominal voltage DC  | [V]  | 24                         |
| Current consumption | [mA] | < 380                      |

### Inputs / outputs

|                              |                              |
|------------------------------|------------------------------|
| Number of inputs and outputs | Number of analogue inputs: 2 |
|------------------------------|------------------------------|

### Inputs

|                                     |      |        |
|-------------------------------------|------|--------|
| Max. total current rating of inputs | [mA] | 200    |
| Number of analogue inputs           |      | 2      |
| Analogue input (voltage)            | [V]  | 0...10 |

### Interfaces

|                         |                                                                                                                                |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| Communication interface | IO-Link                                                                                                                        |
| Transmission type       | COM2 (38,4 kBaud)                                                                                                              |
| IO-Link revision        | 1.1                                                                                                                            |
| SDCI standard           | IEC 61131-9                                                                                                                    |
| Profiles                | Smart Sensor 0x4000: Identification and Diagnosis 0x8001: Switching Signal Channel 0x8006: Adjustable Switching Signal Channel |



## Converter 0...10 V - IO-Link

Converter 2x0-10V/IO-Link

|                           |                                       |                 |
|---------------------------|---------------------------------------|-----------------|
| SIO mode                  | no                                    |                 |
| Required master port type | A/B                                   |                 |
| Process data analogue     | 2                                     |                 |
| Supported DeviceIDs       | <b>Type of operation</b>              | <b>DeviceID</b> |
|                           | CMPT = 1                              | 613             |
|                           | STATUS_B / CMPT = 2 (Factory setting) | 1428            |

### CMPT = 1

|                         |      |     |
|-------------------------|------|-----|
| Min. process cycle time | [ms] | 4.3 |
|-------------------------|------|-----|

### STATUS\_B / CMPT = 2 (Factory setting)

|                         |      |     |
|-------------------------|------|-----|
| Min. process cycle time | [ms] | 4.6 |
|-------------------------|------|-----|

### Operating conditions

|                             |      |                                                          |
|-----------------------------|------|----------------------------------------------------------|
| Ambient temperature         | [°C] | -25...70                                                 |
| Note on ambient temperature |      | 2000 m: -25...70 °C                                      |
|                             |      | 3000 m: -25...64 °C                                      |
|                             |      | 4000 m: -25...62 °C                                      |
| Storage temperature         | [°C] | -25...70                                                 |
| Max. relative air humidity  | [%]  | 90; (linearly decreasing to 50 % (40 °C) non condensing) |
| Max. height above sea level | [m]  | 4000                                                     |
| Protection                  |      | IP 67                                                    |
| Pollution degree            |      | 2                                                        |

### Tests / approvals

|      |         |     |
|------|---------|-----|
| MTTF | [years] | 504 |
|------|---------|-----|

### Mechanical data

|           |             |    |
|-----------|-------------|----|
| Weight    | [g]         | 92 |
| Materials | housing: PA |    |

### Displays / operating elements

|         |                |                 |
|---------|----------------|-----------------|
| Display | operation      | 1 x LED, green  |
|         | analogue input | 2 x LED, yellow |

### Accessories

|                        |               |
|------------------------|---------------|
| Accessories (optional) | mounting clip |
|------------------------|---------------|

### Remarks

|               |                                                                |
|---------------|----------------------------------------------------------------|
| Remarks       | For further information please see the operating instructions. |
| Pack quantity | 1 pcs.                                                         |

### Electrical connection - plug



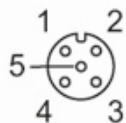
- 1: L+
- 2: not used
- 3: L-
- 4: C/Q IO-Link



## Converter 0...10 V - IO-Link

Converter 2x0-10V/IO-Link

### Electrical connection - socket



|    |                           |
|----|---------------------------|
| 1: | L+                        |
| 2: | 0...10 V analogue input 2 |
| 3: | L-                        |
| 4: | 0...10 V analogue input 1 |
| 5: | not used                  |