

IO-Link / analog converter

AO I 0 ... 20mA, M12, straight

IO-Link / analog converter  
AO I 0...20mA, M12  
16Bit, IP65/67, IO-Link V1.1, Class A

Link to Product

Illustration



Product may differ from Image



| Commercial data |          |
|-----------------|----------|
| ECLASS-6.0      | 27242601 |
| ECLASS-6.1      | 27242602 |
| ECLASS-7.0      | 27242602 |
| ECLASS-8.0      | 27242602 |
| ECLASS-9.0      | 27242602 |
| ECLASS-10.1     | 27242602 |

|                       |               |
|-----------------------|---------------|
| ECLASS-11.1           | 27242602      |
| ECLASS-12.0           | 27242602      |
| ETIM-5.0              | EC001596      |
| customs tariff number | 85437090      |
| GTIN                  | 4048879588201 |
| Packaging unit        | 1             |

**Electrical data | Supply**

|                           |            |
|---------------------------|------------|
| Operating voltage DC      | 24 V       |
| Operating voltage DC min. | 18 V       |
| Operating voltage DC max. | 30 V       |
| Norm operating voltage    | EN 61131-2 |
| Operating voltage UA DC   | 24 V       |
| Current consumption max.  | 19 mA      |

**Electrical data | Output**

|                                                     |                           |
|-----------------------------------------------------|---------------------------|
| Type Output                                         | 2-, 3-, 4-wire technology |
| Output current max.                                 | 0,2 A                     |
| Parameterizable input averaging filter process data | yes                       |
| Conversion time analog output max.                  | 5 ms                      |

**Industrial communication | IO-Link**

|                                    |                    |
|------------------------------------|--------------------|
| IO-Link process data length output | 2 Bytes            |
| IO-Link revision ID                | V1.1               |
| IO-Link cycle time min.            | 2,3 ms             |
| IO-Link transmission rate          | COM2 (38.4 kbit/s) |
| Port Class                         | A                  |

**Diagnostics**

|                        |                                                                                                                                                                 |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Diagnostic via IO-Link | yes                                                                                                                                                             |
| Diagnostic via LED     | yes                                                                                                                                                             |
| IO-Link events         | Device defect, Overcurrent sensor supply, Overtemperature, Overvoltage supply, Undervoltage supply, cable break sensor, lower limit, upper limit, Übersteuerung |
| LED display            | Ethernet connection/data traffic                                                                                                                                |
| Temperature control    | yes                                                                                                                                                             |

**Device protection | Electrical**

|                                             |            |
|---------------------------------------------|------------|
| Degree of protection (EN IEC 60529)         | IP65, IP67 |
| Invers-polarity protection                  | yes        |
| Short circuit protection sensor supply      | yes        |
| Short-circuit protection output             | yes        |
| Resistance to loads with regenerative power | yes        |
| Over voltage protection                     | yes        |

**Mechanical data | Material data**

|                  |         |
|------------------|---------|
| Material housing | Plastic |
|------------------|---------|

**Mechanical data | Mounting data**

|        |         |
|--------|---------|
| Height | 32,3 mm |
| Width  | 77,2 mm |
| Depth  | 15 mm   |

**Environmental characteristics | Climatic**

|                            |        |
|----------------------------|--------|
| Operating temperature min. | -30 °C |
| Operating temperature max. | 70 °C  |
| Storage temperature min.   | -40 °C |
| Storage temperature max.   | 85 °C  |

**Connection type 2**

|                          |                 |
|--------------------------|-----------------|
| Connection type 1        | AO              |
| Connection type 2        | IO-Link AO      |
| Family construction form | M12             |
| Gender                   | female          |
| Color contact carrier    | black           |
| Coding                   | A               |
| No. of poles             | 4               |
| PIN 1                    | + US            |
| PIN 2                    | n.c.            |
| PIN 3                    | 0 V (Analog US) |
| PIN 4                    | AOut (U / I)    |
| Family construction form | M12             |
| Gender                   | male            |
| Color contact carrier    | black           |
| Coding                   | A               |
| No. of poles             | 4               |
| PIN 1                    | 24 V DC (L +)   |
| PIN 2                    | n.c.            |
| PIN 3                    | 0 V (L -)       |
| PIN 4                    | C / Q / IO-Link |