

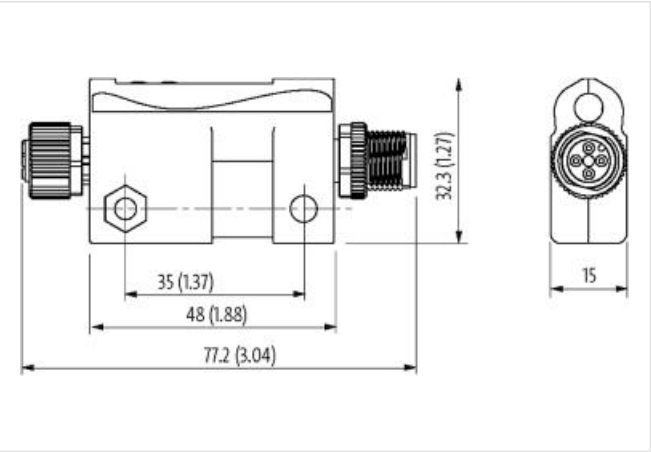
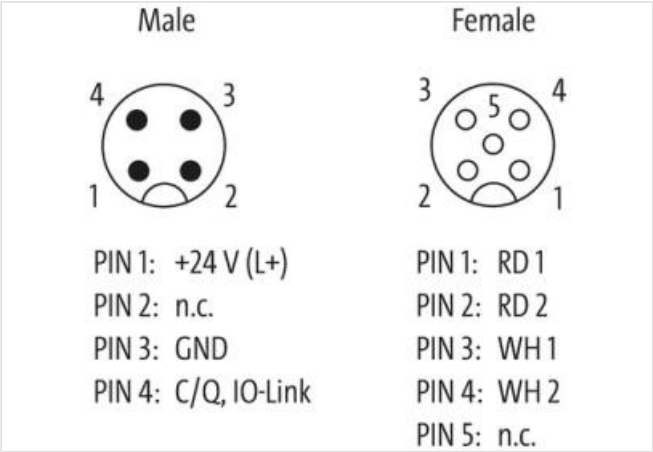
IO-Link / analog converter

AI Multi PT / RTD, M12, straight

IO-Link / analog converter  
AI Multi PT/RTD, M12  
16Bit, IP65/67, IO-Link V1.1, Class A

Link to Product

Illustration



Product may differ from Image



| Commercial data |          |
|-----------------|----------|
| 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                                                                                                                                    |
| customs tariff number                               | 85437090                                                                                                                                    |
| GTIN                                                | 4048879588478                                                                                                                               |
| Packaging unit                                      | 1                                                                                                                                           |
| <b>Electrical data   Supply</b>                     |                                                                                                                                             |
| 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 US DC                             | 24 V                                                                                                                                        |
| Current consumption max.                            | 15 mA                                                                                                                                       |
| <b>Electrical data   Input</b>                      |                                                                                                                                             |
| Parameterizable input averaging filter process data | yes                                                                                                                                         |
| Current carrying capacity max.                      | 0,2 A                                                                                                                                       |
| Conversion time with net suppression                | OFF: 10 ms, 50 Hz: 60 ms, 60 Hz: 100 ms                                                                                                     |
| <b>Industrial communication   IO-Link</b>           |                                                                                                                                             |
| IO-Link process data length input                   | 2 Bytes                                                                                                                                     |
| IO-Link revision ID                                 | V1.1                                                                                                                                        |
| IO-Link cycle time min.                             | 10 ms                                                                                                                                       |
| IO-Link transmission rate                           | COM2 (38.4 kbit/s)                                                                                                                          |
| Port Class                                          | A                                                                                                                                           |
| <b>Diagnostics</b>                                  |                                                                                                                                             |
| Diagnostic via IO-Link                              | yes                                                                                                                                         |
| Diagnostic via LED                                  | yes                                                                                                                                         |
| IO-Link events                                      | Device defect, Overcurrent sensor supply, Overtemperature, Overvoltage supply, Undervoltage supply, lower limit, upper limit, Übersteuerung |
| Short circuit diagnosis                             | yes                                                                                                                                         |
| LED display                                         | Ethernet connection/data traffic                                                                                                            |
| Temperature control                                 | yes                                                                                                                                         |
| Overload diagnosis                                  | yes                                                                                                                                         |
| <b>Device protection   Electrical</b>               |                                                                                                                                             |
| Degree of protection (EN IEC 60529)                 | IP65, IP67                                                                                                                                  |
| Invers-polarity protection                          | yes                                                                                                                                         |
| Short circuit protection sensor supply              | yes                                                                                                                                         |
| Resistance to loads with regenerative power         | yes                                                                                                                                         |
| Over voltage protection                             | yes                                                                                                                                         |
| <b>Mechanical data   Material data</b>              |                                                                                                                                             |
| Material housing                                    | Plastic                                                                                                                                     |
| <b>Mechanical data   Mounting data</b>              |                                                                                                                                             |
| Height                                              | 32,3 mm                                                                                                                                     |
| Width                                               | 77,2 mm                                                                                                                                     |
| Depth                                               | 15 mm                                                                                                                                       |
| <b>Environmental characteristics   Climatic</b>     |                                                                                                                                             |
| Operating temperature min.                          | -30 °C                                                                                                                                      |
| Operating temperature max.                          | 70 °C                                                                                                                                       |
| Storage temperature min.                            | -40 °C                                                                                                                                      |
| Storage temperature max.                            | 85 °C                                                                                                                                       |
| <b>Connection type 2</b>                            |                                                                                                                                             |
| Connection type 1                                   | AI                                                                                                                                          |
| Connection type 2                                   | IO-Link Port                                                                                                                                |

|                          |                 |
|--------------------------|-----------------|
| Family construction form | M12             |
| Gender                   | female          |
| Color contact carrier    | black           |
| Coding                   | A               |
| No. of poles             | 5               |
| PIN 1                    | RD 1            |
| PIN 2                    | RD 2            |
| PIN 3                    | WH 1            |
| PIN 4                    | WH 2            |
| PIN 5                    | n.c.            |
| 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 |