

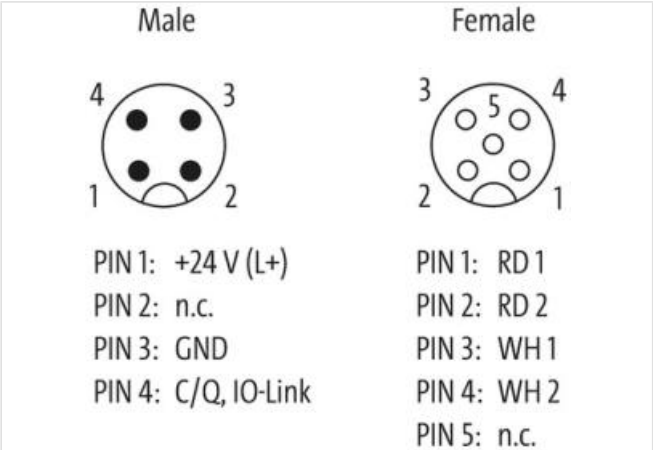
IO-Link / analog converter

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             |

**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 US DC   | 24 V       |
| Current consumption max.  | 15 mA      |

**Electrical data | Input**

|                                                     |                                         |
|-----------------------------------------------------|-----------------------------------------|
| 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 |

**Industrial communication | IO-Link**

|                                   |                    |
|-----------------------------------|--------------------|
| Port Class                        | A                  |
| IO-Link revision ID               | V1.1               |
| IO-Link transmission rate         | COM2 (38.4 kbit/s) |
| IO-Link process data length input | 2 Bytes            |
| IO-Link cycle time min.           | 10 ms              |

**Diagnostics**

|                         |                                                                                                                                             |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| 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                                                                                                                                         |

**Device protection | Electrical**

|                                             |            |
|---------------------------------------------|------------|
| 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        |

**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 | 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 |