

IO-Link / analog converter

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

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

Link naar het product

Afbeelding



Product van afwijken van afbeelding



| Commerciële gegevens |          |
|----------------------|----------|
| 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                                                                                                                                    |
| Douane tarief nummer                                | 85437090                                                                                                                                    |
| GTIN                                                | 4048879622165                                                                                                                               |
| Verpakkingseenheid                                  | 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.                            | 19 mA                                                                                                                                       |
| <b>Electrical data   Input</b>                      |                                                                                                                                             |
| Parameterizable input averaging filter process data | yes                                                                                                                                         |
| Current carrying capacity max.                      | 0,2 A                                                                                                                                       |
| Conversion time analog input max.                   | 5 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.                             | 2,3 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 3</b>                            |                                                                                                                                             |
| Connection type 1                                   | AI                                                                                                                                          |

|                          |                 |
|--------------------------|-----------------|
| Connection type 2        | AI              |
| Connection type 3        | IO-Link AI      |
| Family construction form | M12             |
| Gender                   | female          |
| Color contact carrier    | black           |
| Coding                   | A               |
| No. of poles             | 4               |
| PIN 1                    | + US            |
| PIN 2                    | A +             |
| PIN 3                    | 0 V (Analog US) |
| PIN 4                    | A -             |
| Family construction form | M12             |
| Gender                   | female          |
| Color contact carrier    | black           |
| Coding                   | A               |
| No. of poles             | 4               |
| PIN 1                    | + US            |
| PIN 2                    | A +             |
| PIN 3                    | 0 V (Analog US) |
| PIN 4                    | 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 |