

## Device coupler - FB-DIAG/FF/LI - 2316284

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Field diagnostics module, legacy installation, includes pluggable side connector



### Key commercial data

|                                      |               |
|--------------------------------------|---------------|
| Packing unit                         | 1 pc          |
| Weight per Piece (excluding packing) | 100.0 GRM     |
| Custom tariff number                 | 85389091      |
| Country of origin                    | United States |

### Technical data

#### Note

|                         |   |
|-------------------------|---|
| Utilization restriction | EMC: class A product, see manufacturer's declaration in the download area |
|-------------------------|---|

#### Dimensions

|        |         |
|--------|---------|
| Width  | 17.7 mm |
| Height | 93.9 mm |
| Depth  | 70.4 mm |

#### Ambient conditions

|   |                  |
|---|------------------|
| Ambient temperature (operation)         | -40 °C ... 85 °C |
| Ambient temperature (storage/transport) | -40 °C ... 85 °C |
| Degree of protection                    | IP20             |

#### General

|                       |   |
|-----------------------|---|
| Standards/regulations | IEC 60529, IEC 61158-2                                    |
| Mounting position     | Any orientation on DIN rail, NS 35, in acc. with EN 60715 |

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## Technical data

### General

|                     |             |
|---------------------|-------------|
| Net weight          | 66 g        |
| Color               | green       |
| Conformance         | IEC 61158-2 |
| Fieldbus Foundation | FF-830      |

### Power supply

|                             |                    |
|-----------------------------|--------------------|
| Supply voltage range        | 9 V DC ... 32 V DC |
| Max. current consumption    | 29 mA              |
| Typical current consumption | 27 mA              |

### Serial interface

|  |   |
|--|---|
| Interface 1                            | Foundation Fieldbus                         |
| Connection method                      | Pluggable screw connection with test points |
| Conductor cross section solid min.     | 0.2 mm <sup>2</sup>                         |
| Conductor cross section solid max.     | 2.5 mm <sup>2</sup>                         |
| Conductor cross section stranded min.  | 0.2 mm <sup>2</sup>                         |
| Conductor cross section stranded max.  | 2.5 mm <sup>2</sup>                         |
| Conductor cross section AWG/kcmil min. | 24  |
| Conductor cross section AWG/kcmil max  | 12  |
| Output nominal voltage                 | ≤ 32 V                                      |
| Output current                         | 29 mA                                       |
| Maximum output current                 | 29 mA                                       |

### Safety data

|                              |   |
|------------------------------|---|
| Input voltage U <sub>i</sub> | 32 V DC   |
| Input current I <sub>i</sub> | 274 mA (IIC)  |
| ATEX                         | Sira 13ATEX4149X; # II 3G Ex nA [ic] IIC T4 Gc  |
| IECEX                        | IECEX SIR 13.0060X; Ex nA [ic] IIC T4 Gc  |
| CSA, USA/Canada              | Class I, Div. 2, Groups A,B,C,D; Ex nA nL IIC T4 Gc<br>Class I, Zone 2, AEx nA nC IIC T4 Gc |

## Classifications

### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 27250203 |
| eCl@ss 4.1 | 27250203 |
| eCl@ss 5.0 | 27250203 |
| eCl@ss 5.1 | 27259205 |
| eCl@ss 6.0 | 27242610 |

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## Classifications

eCl@ss

|            |          |
|------------|----------|
| eCl@ss 7.0 | 27242610 |
| eCl@ss 8.0 | 27242610 |

ETIM

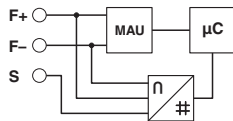
|          |          |
|----------|----------|
| ETIM 3.0 | EC001600 |
| ETIM 4.0 | EC000261 |
| ETIM 5.0 | EC000261 |

UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 30211506 |
| UNSPSC 7.0901 | 39121008 |
| UNSPSC 11     | 39121008 |
| UNSPSC 12.01  | 39121008 |
| UNSPSC 13.2   | 43201553 |

## Drawings

Block diagram



Dimensioned drawing

