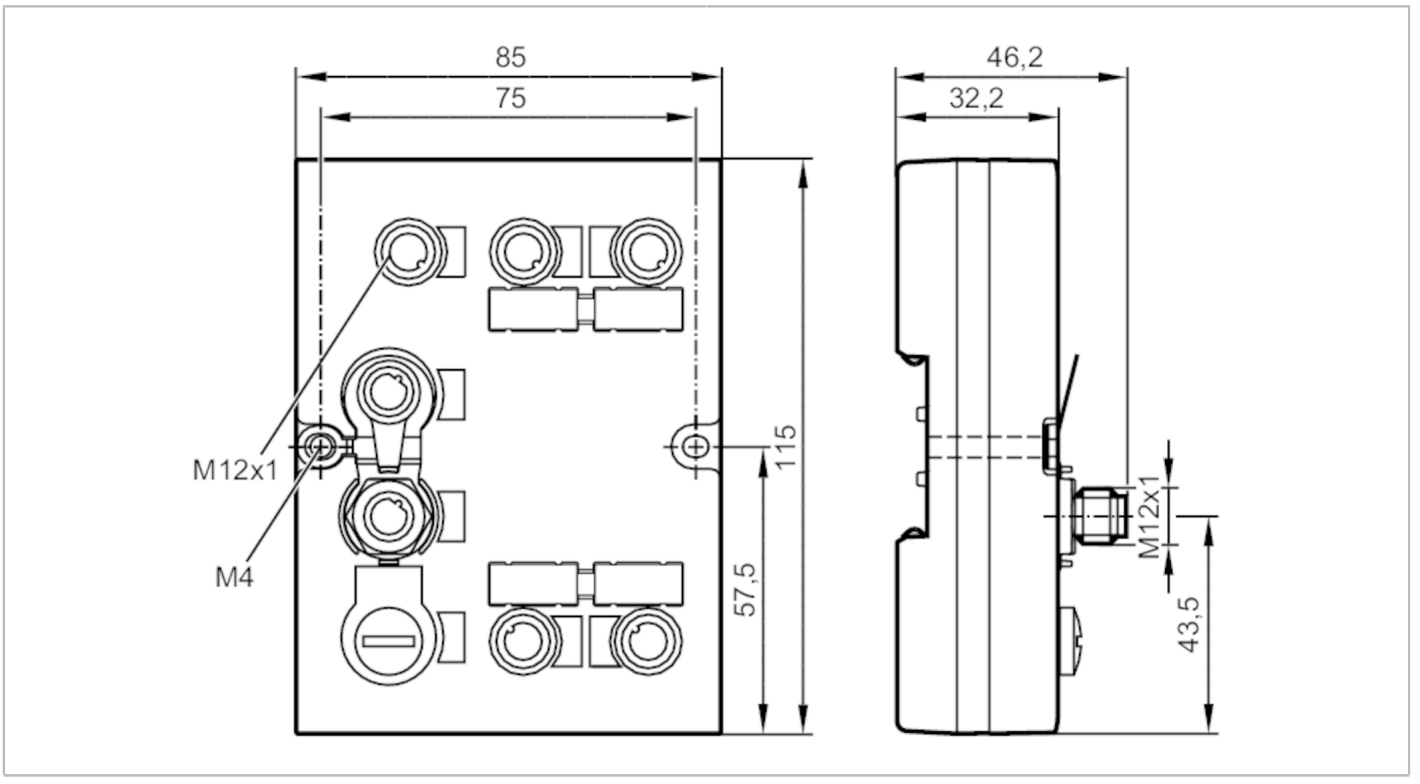
# DTE102

## RFID evaluation unit LF/HF

DTELF/HFABRWEIUS00




| | | |
|---|---|---|
| **Application** | | |
| Application | | for up to 4 read/write heads type ANT41x/ANT51x |
| **Electrical data** | | |
| Operating voltage | [V] | 18...30 DC |
| Current consumption | [mA] | < 3000 |
| **Inputs / outputs** | | |
| Number of inputs and outputs | | Number of digital outputs: 4 |
| **Outputs** | | |
| Number of digital outputs | | 4 |
| Max. current load per output | [mA] | 500;  (IO 1,2; IO 3,4: 1000 mA) |
| **Interfaces** | | |
| Communication interface | | Ethernet |
| Factory settings | | IP address: 192.168.0.79 |
| | | subnet mask: 255.255.255.0 |
| | | gateway IP address: 192.168.0.100 |
| Ethernet - EtherNet/IP | | |
| Protocol | | EtherNet/IP |
| **Operating conditions** | | |
| Ambient temperature | [°C] | -20...60 |
| Storage temperature | [°C] | -20...85 |
| Protection | | IP 67 |

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| Tests / approvals | | | |
|---|---|---|---|
| Shock resistance | | IEC 60068-2-27 | 15 g 11 ms |
| Vibration resistance | | IEC 60028-2-6 | ±1.6 mm (17...18 Hz) / 2 g (10...150 Hz) |
| MTTF | [years] | 108.28 | |

| Mechanical data | | |
|---|---|---|
| Weight | [g] | 388 |
| Dimensions | [mm] | 115 x 46.2 x 85 |
| Materials | | upper part: PA Grivory GV5H orange; upper part: TPE; lower part: GD-AlSi12 |

| Displays / operating elements | | |
|---|---|---|
| Display | power supply | 1 x LED, green |
| | | 1 x LED, yellow |
| | EtherNet/IP | 2 x LED, red/green |
| | Ethernet | 1 x LED, green |
| | | 1 x LED, yellow |
| | Inputs / outputs | 1 x LED, green |
| | | 1 x LED, yellow |

| Accessories | |
|---|---|
| Items supplied | Protective cap: M12, E73004 |

| Remarks | |
|---|---|
| Pack quantity | 1 pcs. |

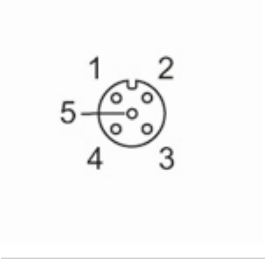
### Electrical connection - Ethernet

Connector: 2 x M12; coding: D

| Port 1/2 | |
|---|---|
| 1 | TD+ |
| 2 | RD+ |
| 3 | TD- |
| 4 | RD- |

### Electrical connection - Process connection

Connector: 4 x M12; coding: A



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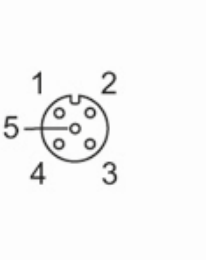
| IO 1...4 | |
|---|---|
| 1 | L+ |
| 2 | IN (I/Q) |
| 3 | L- |
| 4 | OUT (C/Qo); IN (C/Qi) |
| 5 | n.c. |

## Electrical connection - power supply

Connector: 1 x M12; coding: A




| AUX | |
|---|---|
| 1 | 24 V DC |
| 2 | n.c. |
| 3 | 0 V |
| 4 | n.c. |
| 5 | n.c. |