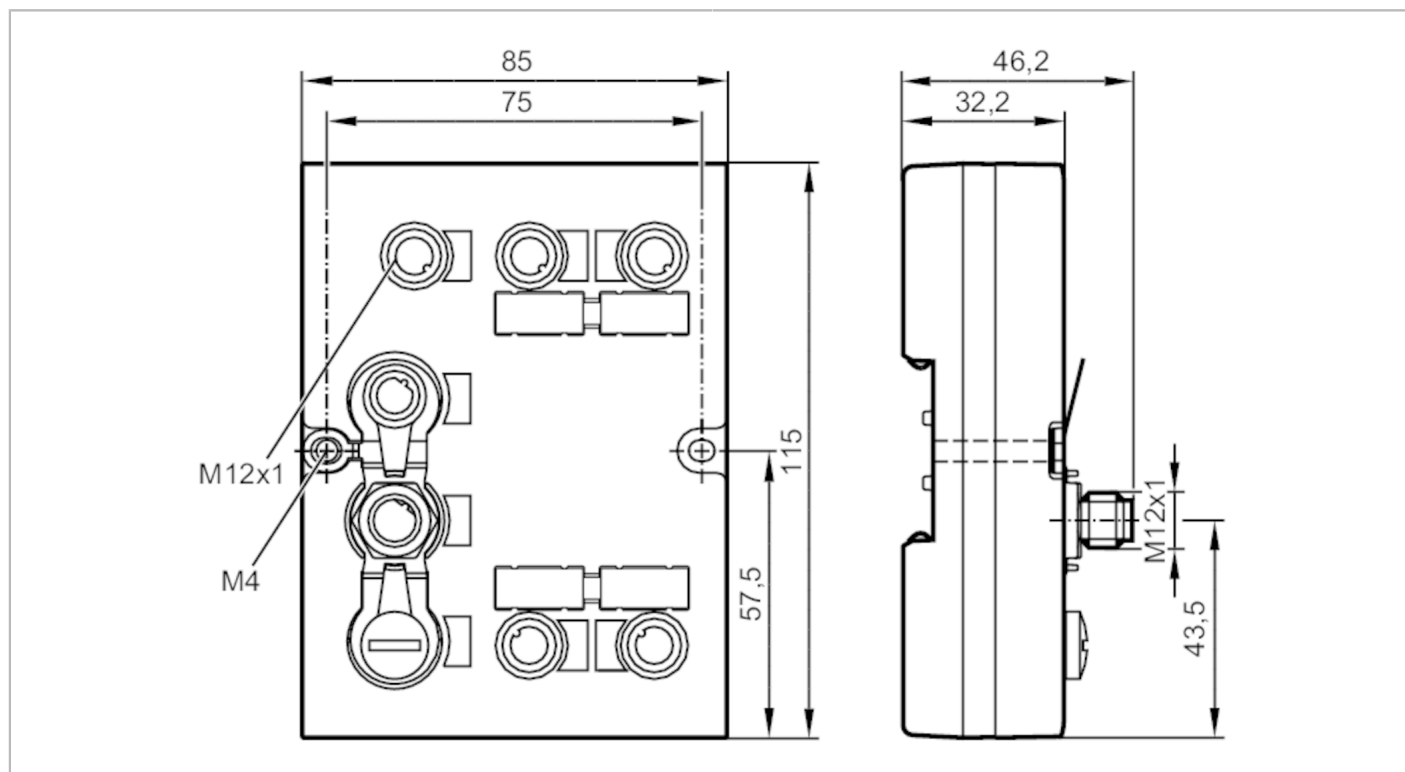


# DTE100



## RFID evaluation unit LF/HF

DTELF/HFABRWDPUS00

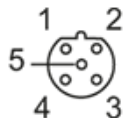


| Application                  |                                                 |                                          |
|------------------------------|-------------------------------------------------|------------------------------------------|
| Application                  | for up to 4 read/write 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      | PROFIBUS DP                                     |                                          |
| Factory settings             | IP address: 192.168.0.79                        |                                          |
|                              | subnet mask: 255.255.255.0                      |                                          |
|                              | gateway IP address: 192.168.0.100               |                                          |
| Operating conditions         |                                                 |                                          |
| Ambient temperature          | [°C]                                            | -20...60                                 |
| Storage temperature          | [°C]                                            | -20...85                                 |
| Protection                   | IP 67                                           |                                          |
| Tests / approvals            |                                                 |                                          |
| Shock resistance             | IEC 60068-2-27                                  | 15 g 11 ms                               |
| Vibration resistance         | IEC 60068-2-6                                   | ±1.6 mm (17...18 Hz) / 2 g (10...150 Hz) |
| MTTF                         | [years]                                         | 101.69                                   |



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| Mechanical data                                                                     |                                                                            |                 |
|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------|-----------------|
| Weight                                                                              | [g]                                                                        | 390             |
| 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 |
|                                                                                     | Profibus-DP                                                                | 1 x LED, red    |
|                                                                                     |                                                                            | 1 x LED, 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 - Profibus IN                                                 |                                                                            |                 |
| Connector: M12; coding: B                                                           |                                                                            |                 |
|  |                                                                            |                 |
| 1                                                                                   | n.c.                                                                       |                 |
| 2                                                                                   | RXD/TxD-N                                                                  |                 |
| 3                                                                                   | n.c.                                                                       |                 |
| 4                                                                                   | RXD/TxD-P                                                                  |                 |
| Electrical connection - Profibus OUT                                                |                                                                            |                 |
| Connector: M12; coding: B                                                           |                                                                            |                 |
|  |                                                                            |                 |
| 1                                                                                   | P5V                                                                        |                 |
| 2                                                                                   | RXD/TxD-N                                                                  |                 |
| 3                                                                                   | DGND                                                                       |                 |
| 4                                                                                   | RXD/TxD-P                                                                  |                 |
| 5                                                                                   | n.c.                                                                       |                 |



RFID evaluation unit LF/HF

DTELF/HFABRWDPUS00

Electrical connection - power supply

Connector: M12; coding: A



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