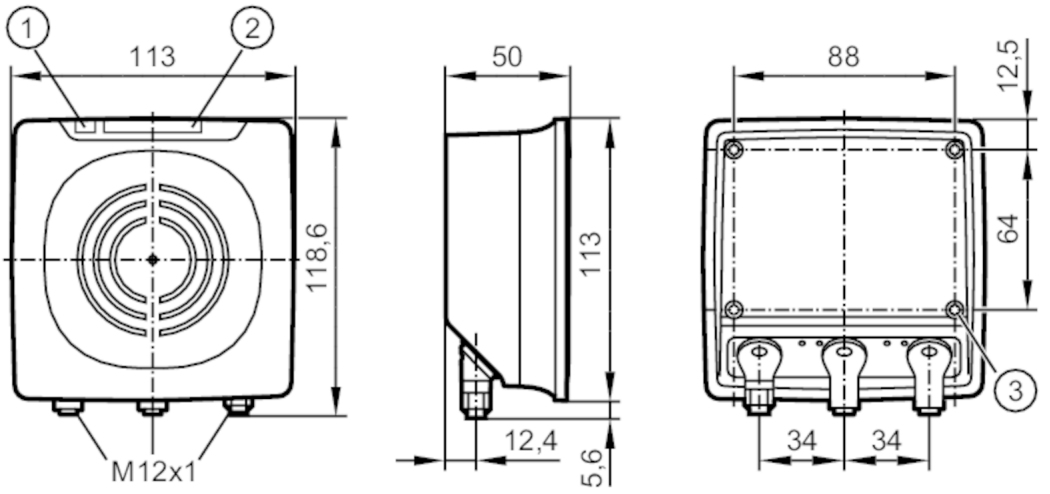
# DTE804

## Compact RFID device

DTRUHFE HLRWENUS04




1 LED operating status
2 LED bar display fieldbus interface
3 Mounting thread M4 max. insertion depth 15mm

| | | |
|---|---|---|
| **Application** | | |
| Radio approval for | | EU/RED |
| Note on radio approval | | The list of countries applying the European Radio Equipment Directive 2014/53/EU (RED) can be found under “Downloads”. |
| **Electrical data** | | |
| Operating voltage | [V] | 19.2...28.8 DC |
| Current consumption | [mA] | 500 |
| Power consumption | [W] | 8.6 |
| Protection class | | III |
| Operating frequency | [MHz] | 865...868 (ETSI) |
| RFID standard | | EPC Class1 GEN2/ISO 18000-63 |
| Transmission power ERP | [mW] | 120; (maximum: 200 mW) |
| **Outputs** | | |
| Max. current load per output | [mA] | 100; (max.) |
| **Interfaces** | | |
| Communication interface | | Ethernet |
| Ethernet - TCP/IP | | |
| Protocol | | TCP/IP |
| Factory settings | | IP address: 192.168.0.79 |
| | | subnet mask: 255.255.255.0 |
| | | gateway IP address: 192.168.0.100 |
| Usage type | | parameter setting |
| **Operating conditions** | | |
| Ambient temperature | [°C] | -20...55 |
| Note on ambient temperature | | with mounting plate and cooling element: -20...60 °C |
| Storage temperature | [°C] | -25...80 |
| Protection | | IP 67 |

# DTE804

## Compact RFID device

DTRUHFE HLRWENUS04

| Tests / approvals | | | |
|---|---|---|---|
| Shock resistance | | IEC 60028-2-27 | 40 g (6 ms) / bump |
| | | | 50 g (11 ms) / single shock |
| Vibration resistance | | EN 60068-2-6 | 2 g (10...150 Hz) |
| MTTF | [years] | 58 | |

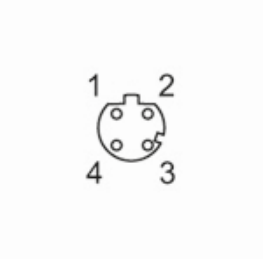
| Mechanical data | | |
|---|---|---|
| Weight | [g] | 701.7 |
| Dimensions | [mm] | 113 x 118.6 x 50 |
| Materials | | housing: aluminium; PBT / PC; stainless steel |

| Displays / operating elements | | |
|---|---|---|
| Display | power supply | 1 x LED, green |
| | LED bar display | 4 x LED, yellow number of tags in the field |
| | status | 2 x LED, green/red fieldbus interface |
| | status | 2 x LED, green/yellow Ethernet |

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

## Electrical connection - Ethernet

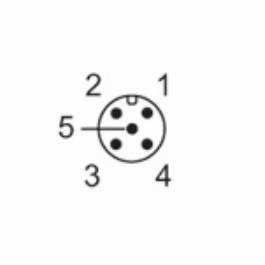
Connector: 2 x M12; coding: D




| ETH1 / ETH2 | |
|---|---|
| 1 | TD+ |
| 2 | RD+ |
| 3 | TD- |
| 4 | RD- |

## Electrical connection - power supply

Connector: 1 x M12; coding: A




| PWR | |
|---|---|
| 1 | L+ |
| 2 | digital input/output 2 |
| 3 | L- |
| 4 | digital input/output 1 |
| 5 | not used |