

# DTE904



## Compact RFID device

DTRUHFA HLRWENUS04



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



### Application

Radio approval for USA; Canada; Mexico

### 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]    | 902...928                    |
| RFID standard                | EPC Class1 GEN2/ISO 18000-63 |
| Transmission power EIRP [mW] | 200; (maximum: 250 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<br>subnet mask: 255.255.255.0<br>gateway IP address: 192.168.0.100 |
| Usage type       | parameter setting; data transmission                                                        |

### Operating conditions

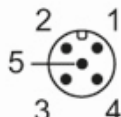
|                             |                                                      |
|-----------------------------|------------------------------------------------------|
| Ambient temperature [°C]    | -20...55                                             |
| Note on ambient temperature | with mounting plate and cooling element: -20...60 °C |
| Storage temperature [°C]    | -25...80                                             |
| Protection                  | IP 67                                                |

# DTE904



## Compact RFID device

DTRUHFA 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)                      |
| Mechanical data                                                                     |                                               |                                        |
| Weight                                                                              | [g]                                           | 695                                    |
| 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 signal strength ID tag |
|                                                                                     | 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                                      |                                        |