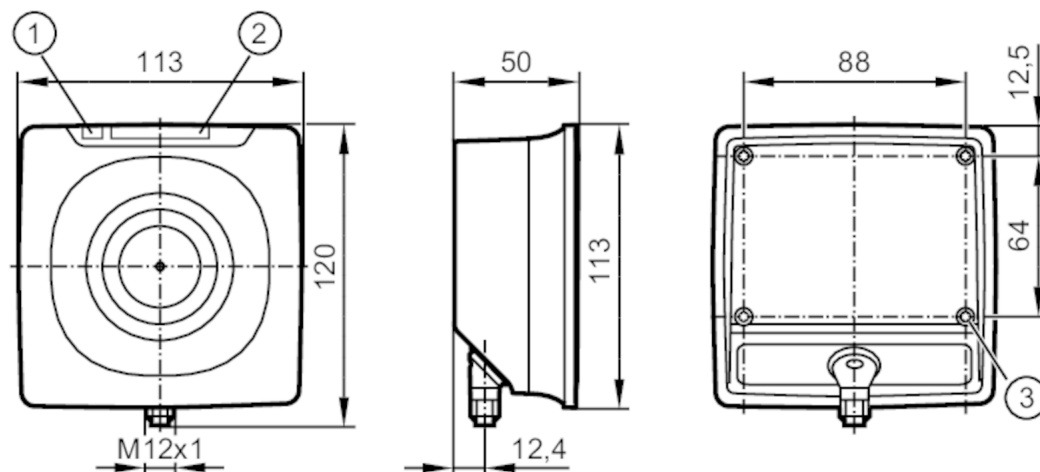




## RFID UHF compact unit

DTRUHFA HLRWIOUS04



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

## Application

|                    |                                             |
|--------------------|---------------------------------------------|
| Application        | detection of objects on transport equipment |
| Radio approval for | China                                       |

## Electrical data

|                              |                              |
|------------------------------|------------------------------|
| Operating voltage [V]        | 18...30 DC                   |
| Current consumption [mA]     | < 250                        |
| Power consumption [W]        | 4.8                          |
| Protection class             | III                          |
| Operating frequency [MHz]    | 920,5...924,5                |
| RFID standard                | EPC Class1 GEN2/ISO 18000-63 |
| Transmission power EIRP [mW] | 200; (maximum: 250 mW)       |

## Interfaces

|                         |                                     |
|-------------------------|-------------------------------------|
| Communication interface | IO-Link                             |
| Transmission type       | COM3 (230,4 kBaud)                  |
| IO-Link revision        | 1.1                                 |
| Supported DeviceIDs     | <b>Type of operation</b><br>default |
|                         | <b>DeviceID</b><br>1418             |

## Operating conditions

|                          |          |
|--------------------------|----------|
| Ambient temperature [°C] | -20...60 |
| Storage temperature [°C] | -25...80 |
| Protection               | IP 67    |

## Tests / approvals

|                       |                |                                          |
|-----------------------|----------------|------------------------------------------|
| Shock resistance      | EN 60068-2-27  | 40 g 6 ms / bump                         |
|                       | EN 60068-2-27  | 50 g 11 ms / single shock                |
| Vibration resistance  | EN 60068-2-6   | 2 g 10...150 Hz                          |
| Electrical protection | EN 61010-2-201 | electrical supply only via PELV circuits |

## Mechanical data

|            |       |
|------------|-------|
| Weight [g] | 635.5 |
|------------|-------|

# DTI911



## RFID UHF compact unit

DTRUHFA HLRWIOUS04

|            |                                     |                |
|------------|-------------------------------------|----------------|
| Dimensions | [mm]                                | 120 x 50 x 113 |
| Materials  | PBT; PC; stainless steel; aluminium |                |

### Displays / operating elements

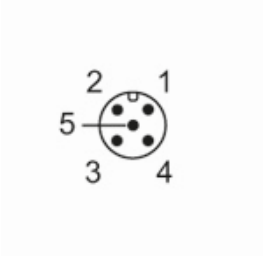
|         |                   |                                                         |
|---------|-------------------|---------------------------------------------------------|
| Display | operation         | 1 x LED, green                                          |
|         | tag communication | 4 x LED bar display, yellow number of tags in the field |

### Remarks

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

### Electrical connection

Connector: 1 x M12; coding: A



|                 |    |
|-----------------|----|
| 1 Sensor supply | L+ |
| 2 not used      |    |
| 3 Sensor supply | L- |
| 4 IO-Link       |    |
| 5 not used      |    |