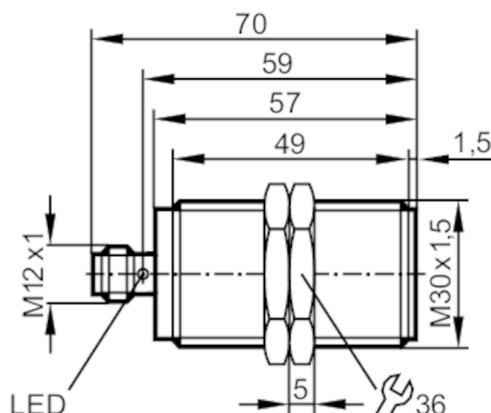




RFID read/write head HF

DTRHF IBRWIDUS03



Application

| | |
|------------------------|--|
| Application | detection of objects on transport equipment |
| Radio approval for | USA; Canada; EU/RED; Australia; Japan; China; Taiwan; India; Singapore; Ukraine |
| 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; (supply only via the DTE10x evaluation unit (to EN 60950-1)) |
| Current consumption [mA] | < 50 |
| Protection class | III |
| Operating frequency [MHz] | 13,56 |
| RFID standard | ISO 15693 |

Detection zone

| | |
|-------------------------------------|------|
| Distance write/read head front [mm] | 100 |
| Distance write/read head side [mm] | 50 |
| Distance to the ID tag [mm] | ≤ 30 |

Interfaces

| | |
|-------------------------|---------------|
| Communication interface | DATA / DTE10x |
|-------------------------|---------------|

Operating conditions

| | |
|--------------------------|---------------|
| Ambient temperature [°C] | -20...60 |
| Storage temperature [°C] | -25...80 |
| Protection | IP 67; IP 69K |

Tests / approvals

| | | |
|----------------------|---------------|--------------------------------------|
| Shock resistance | EN 60068-2-27 | 50 g 11 ms / 40 g (6 ms, continuous) |
| Vibration resistance | EN 60068-2-6 | 20 g 10...2000 Hz |

Mechanical data

| | |
|------------|-------------|
| Weight [g] | 211.5 |
| Housing | cylindrical |

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| | |
|--------------------|---|
| Mounting | flush mountable |
| Dimensions [mm] | M30 x 1.5 / L = 70 |
| Thread designation | M30 x 1.5 |
| Materials | housing: stainless steel; Protective cover: PPS |

Displays / operating elements

| | | |
|---------|-------------------|-----------------|
| Display | operation | 1 x LED, green |
| | tag communication | 1 x LED, yellow |

Accessories

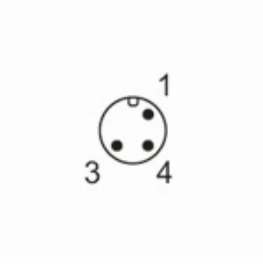
| | |
|----------------|-------------------|
| Items supplied | nut 2 x M30 x 1,5 |
|----------------|-------------------|

Remarks

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

Electrical connection

Connector: 1 x M12; coding: A



Connection

