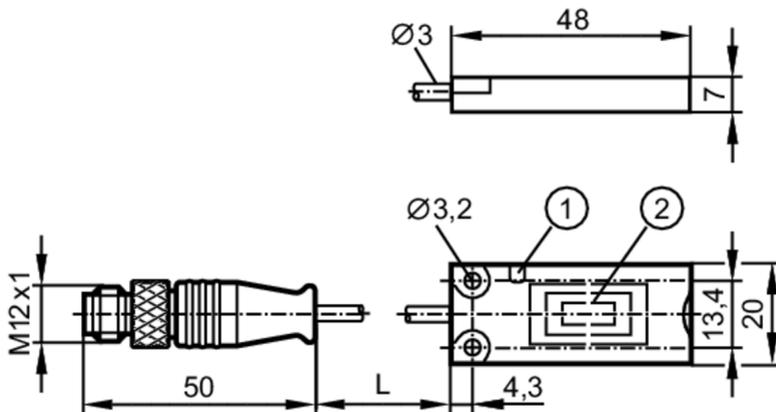


ANT516



RFID read/write head HF

DTRHF KQRWIDUS03-



- 1 LED
- 2 Sensing face



| Application | |
|-------------------------------------|--|
| Application | detection of objects on transport equipment |
| Radio approval for | EU/RED; Japan; Australia; China; Taiwan; India; Singapore; Ukraine; USA; Canada; Malaysia; Brazil; Mexico; Vietnam |
| 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] | < 60 |
| Protection class | III |
| Operating frequency [MHz] | 13,56 |
| RFID standard | ISO 15693 |
| Detection zone | |
| Distance write/read head front [mm] | 170 |
| Distance write/read head side [mm] | 160 |
| Distance to the ID tag [mm] | referred to 30 mm coin tag and antenna installed on metal, I-CODE SLI : ≤ 32 |
| 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 |
| MTTF [years] | 457.9 |

ANT516



RFID read/write head HF

DTRHF KQRWIDUS03-

| | | |
|-------------|----------------|-------------------------|
| UL approval | Ta | -20...60 °C |
| | Enclosure type | Type 1 |
| | power supply | Limited Voltage/Current |
| | File number UL | E205959 |

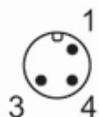
| Mechanical data | |
|-----------------|-----------------------------|
| Weight [g] | 90 |
| Housing | rectangular |
| Mounting | non-flush mountable |
| Dimensions [mm] | 20 x 7 x 48 |
| Materials | PBT; TPE-U; stainless steel |

| Displays / operating elements | | |
|-------------------------------|-------------------|-----------------|
| Display | operation | 1 x LED, green |
| | tag communication | 1 x LED, yellow |

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

| Electrical connection | |
|---|--|
| Cable: 2 m, PUR; 3 x 0.14 mm ² | |

| Electrical connection - plug | |
|-------------------------------|--|
| Connector: 1 x M12; coding: A | |



Connection

