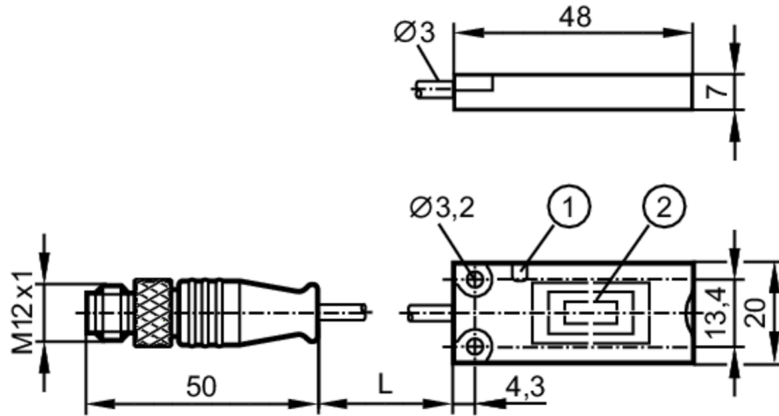


ANT516



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 mm²

Electrical connection - plug

Connector: 1 x M12; coding: A



Connection

