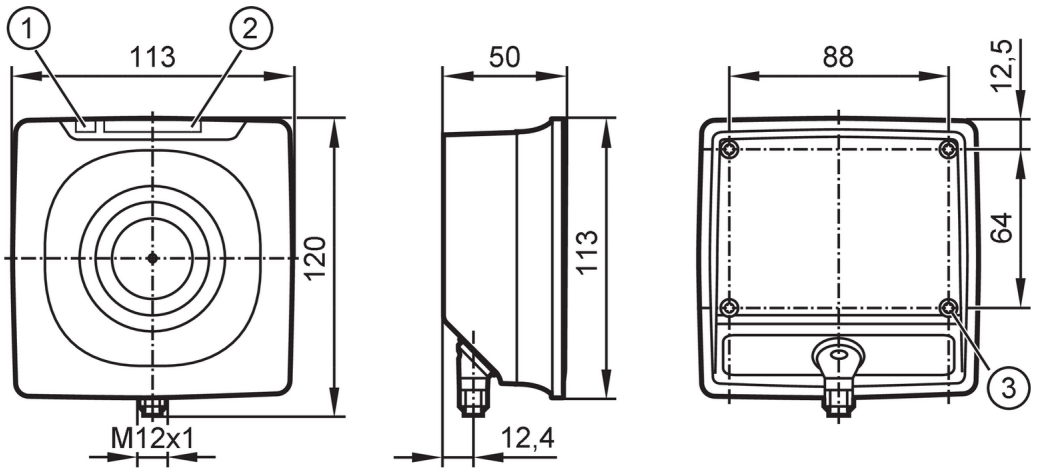
ANT600

RFID read/write head HF

DTRHF HLRWIDUS03



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		EU/RED; Japan; Australia; China; Taiwan; India; Singapore; Ukraine; Malaysia; Brazil; Canada; Mexico; New Zealand; South Korea; USA; 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; (supply only via the DTE10x evaluation unit)	
Current consumption	[mA]	< 150	
Protection class		III	
Operating frequency	[MHz]	13,56	
Detection zone			
Distance write/read head front	[mm]	400	
Distance write/read head side	[mm]	600	
Distance to the ID tag	[mm]	referred to the ID tag E80384	: < 190
		referred to an ISO card E80407	: < 230
Interfaces			
Communication interface		DATA / DTE10x	
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

ANT600

RFID read/write head HF

DTRHF HLRWIDUS03

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

Mechanical data

Weight	[g]	450
Dimensions	[mm]	120 x 50 x 113
Materials		PBT; PC; stainless steel

Displays / operating elements

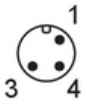
Display	operation	1 x LED, green
	tag communication	4 x LED bar display, yellow signal strength ID tag

Remarks

Remarks	For the distances to other ID tags see the respective data sheet (E803xx)
Pack quantity	1 pcs.

Electrical connection

Connector: 1 x M12; coding: A; Contacts: 3



Connection

