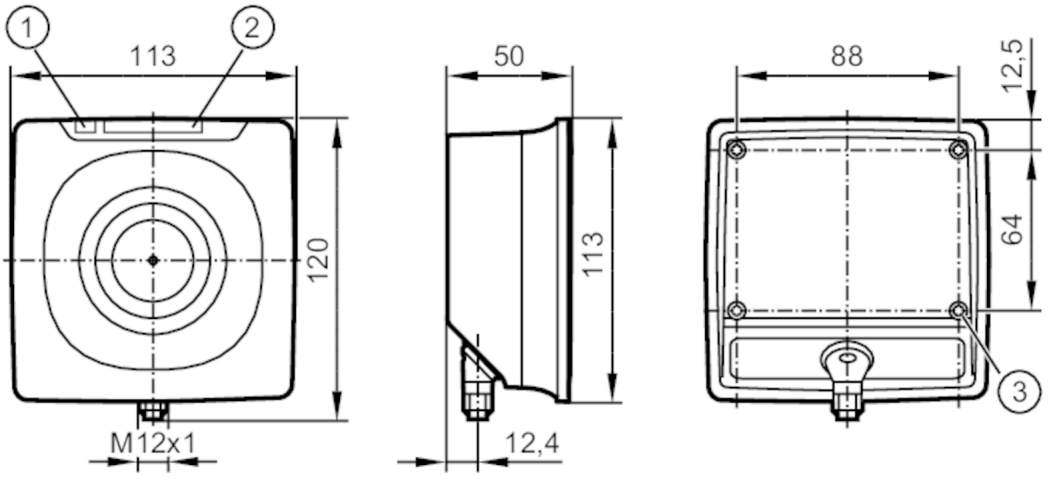
DTI600

RFID read/write head HF

DTRHF HLRWIOUS03



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; USA; Canada	
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]	< 150	
Protection class		III	
Operating frequency	[MHz]	13,56	
RFID standard		ISO 15693	
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		IO-Link	
Transmission type		COM2 (38,4 kBaud)	
IO-Link revision		1.1	
SDCI standard		IEC 61131-9	
Profiles		Smart Sensor: Device Identification	
SIO mode		no	
Required master port type		A	
Supported DeviceIDs		**Type of operation**	**DeviceID**
		default	967

DTI600

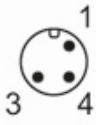
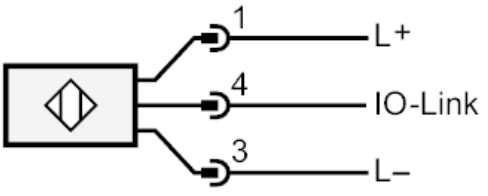
RFID read/write head HF

DTRHF HLRWIOUS03

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
Mechanical data			
Weight	[g]	456	
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



Connection