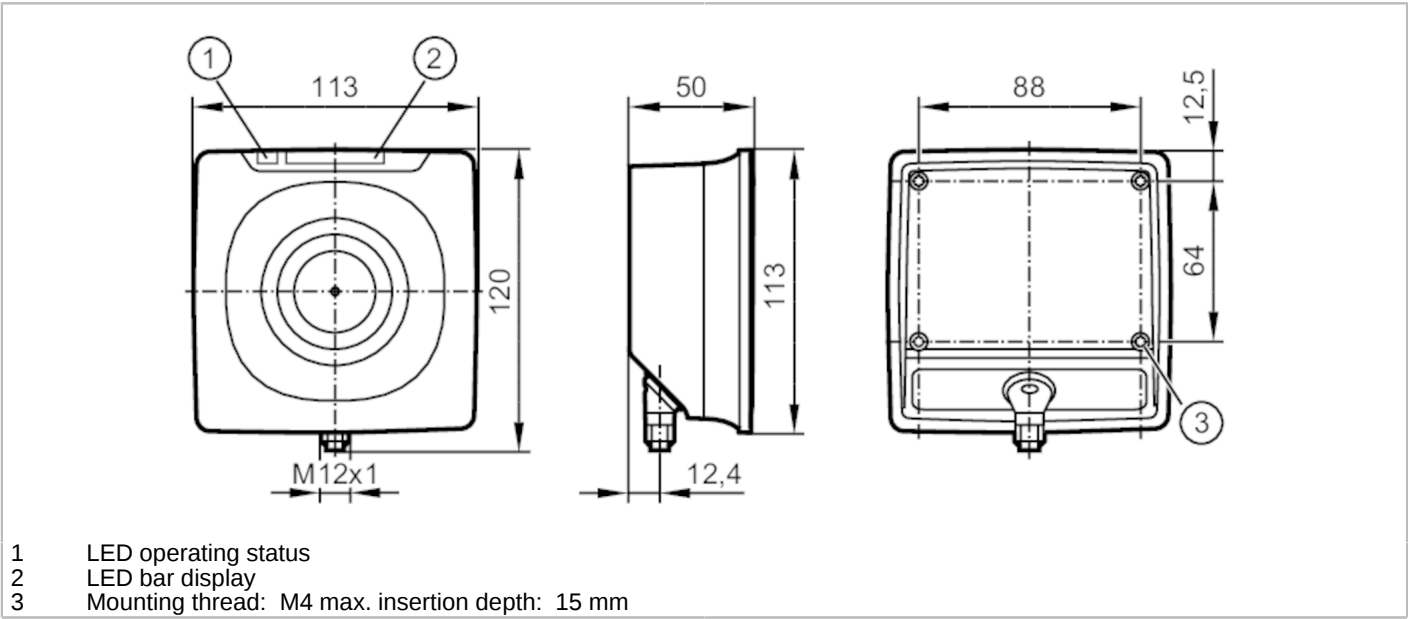




RFID read/write head HF

DTRHF HLRWIOUS03



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	



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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

