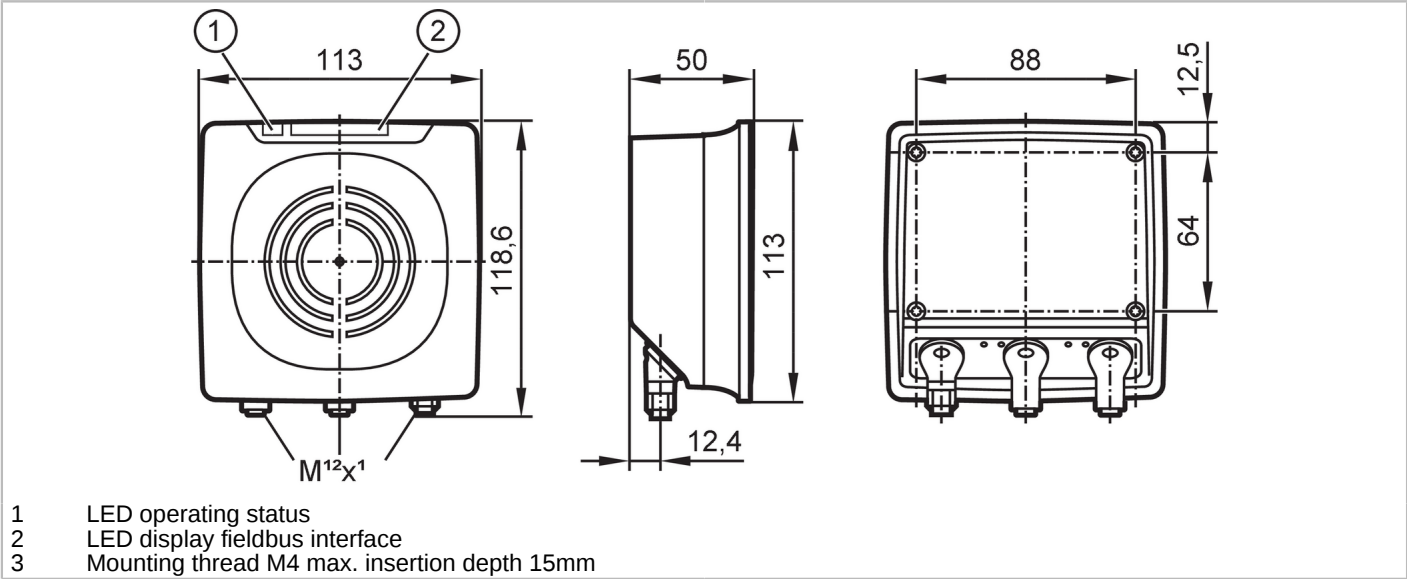


DTE605



Compact RFID device with fieldbus interface

DTRHF HLRWITUS03



Application

Radio approval for	USA; Canada; South Korea; Japan; Taiwan; Singapore; China; EU/RED; India; Malaysia; Vietnam; Indonesia
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]	500
Protection class	III
Operating frequency [MHz]	13,56
RFID standard	ISO 15693

Inputs / outputs

Number of inputs and outputs	Number of digital outputs: 2
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Outputs

Total number of outputs	2
Electrical design	push-pull
Number of digital outputs	2
Max. voltage drop switching output DC [V]	2
Max. current load per output [mA]	100; (max.)
Short-circuit protection	yes
Overload protection	yes

Monitoring range

Distance write/read head front [mm]	600
Distance write/read head side [mm]	850
Note on distance write/read head	100% transmission power

DTE605



Compact RFID device with fieldbus interface

DTRHF HLRWITUS03

Distance to the ID tag	[mm]	50 mm transponder	:	≤ 150
		ISO card	:	≤ 180

Interfaces

Communication interface	Ethernet
Ethernet - Internet of Things	
Transmission standard	10Base-T; 100Base-TX
Transmission rate	10 MBit/s; 100 MBit/s
Protocol	MQTT JSON
Factory settings	IP address: 192.168.0.79
	subnet mask: 255.255.255.0
	gateway IP address: 192.168.0.100
Usage type	Parameter setting; Data transmission

Operating conditions

Ambient temperature	[°C]	-20...60
Storage temperature	[°C]	-25...80
Protection		IP 67

Tests / approvals

Shock resistance	IEC 60028-2-27	40 g (6 ms) / bump
		50 g (11 ms) / single shock
Vibration resistance	EN 60068-2-6	2 g (10...150 Hz)

Mechanical data

Weight	[g]	645.1
Dimensions	[mm]	113 x 118.6 x 50
Material		lower part: aluminum; Upper part: PBT / PC; plug: stainless steel

Displays / operating elements

Display	voltage supply	1 x LED, green
	LED display	4 x LED, yellow signal strength ID tag
	status	2 x LED, green/red fieldbus interface
	status	2 x LED, green/yellow Ethernet

Remarks

Pack quantity	1 pcs.
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Electrical connection - Ethernet

Connector: 2 x M12; coding: D; Contacts: 4



ETH1 / ETH2

1	TD+
2	RD+
3	TD-
4	RD-

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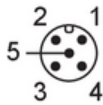


Compact RFID device with fieldbus interface

DTRHF HLRWITUS03

Electrical connection - voltage supply

Connector: 1 x M12; coding: A; Contacts: 5



PWR	
1	L+
2	digital input/output 2
3	L-
4	digital input/output 1
5	not used