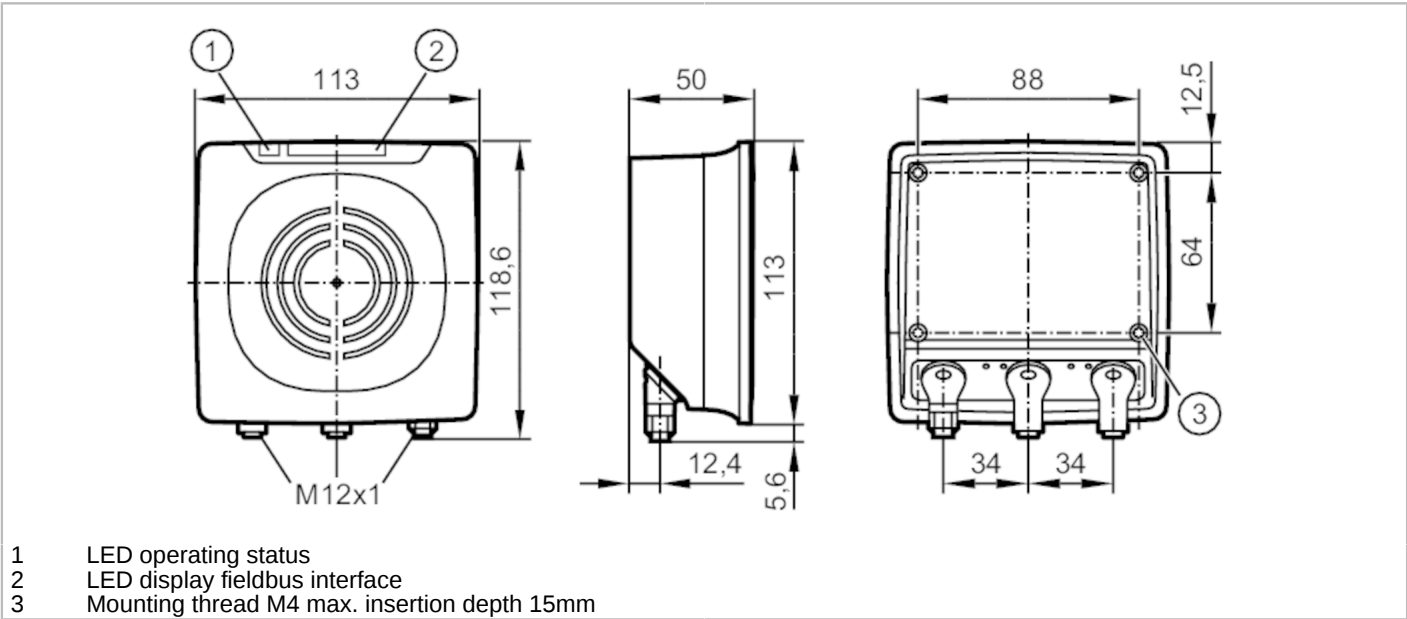


DTE905



Compact RFID device

DTRUHFA HLRWITUS04



Application

Radio approval for	USA; Canada; Mexico
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Electrical data

Operating voltage	[V]	19.2...28.8 DC
Current consumption	[mA]	500
Power consumption	[W]	8.6
Protection class		III
Operating frequency	[MHz]	902...928
RFID standard		EPC Class1 GEN2/ISO 18000-63
Transmission power EIRP	[mW]	200; (maximum: 250 mW)

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

Interfaces

Communication interface	Ethernet
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Ethernet - Internet of Things

Transmission standard	10Base-T; 100Base-TX
Transmission rate	10 MBit/s; 100 MBit/s
Protocol	MQTT JSON

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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...55
Note on ambient temperature	with mounting plate and cooling element: -20...60 °C
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]	692.7
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.

Electrical connection - Ethernet

Connector: 2 x M12; coding: D



ETH1 / ETH2	
1	TD+
2	RD+
3	TD-
4	RD-

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Electrical connection - voltage supply

Connector: 1 x M12; coding: A



PWR

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