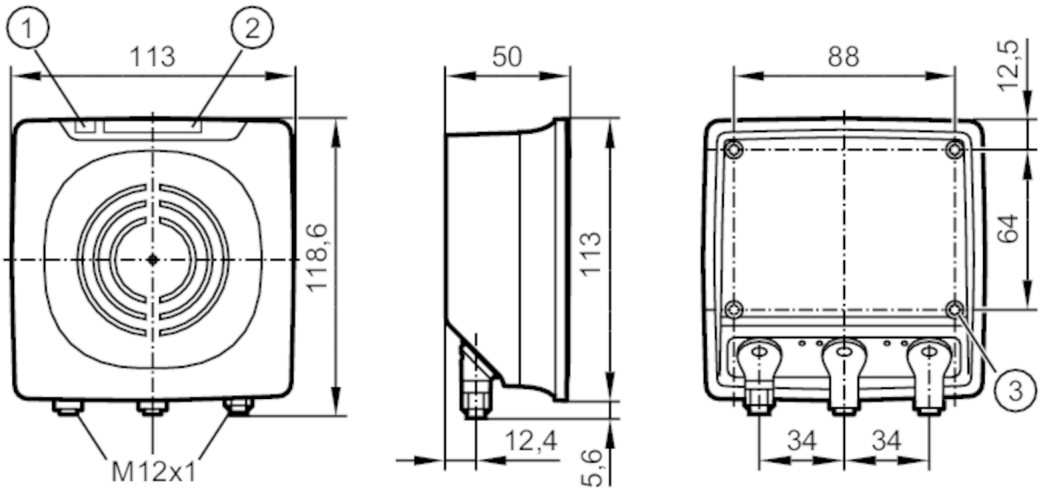
DTE605

Compact RFID device with fieldbus interface

DTRHF HLRWITUS03



1 LED operating status
2 LED bar display fieldbus interface
3 Mounting thread M4 max. insertion depth 15mm

Application				
Radio approval for		USA; Canada; South Korea; Japan; Taiwan; Singapore; China; EU/RED; India; Malaysia; 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		
Current consumption	[mA]	500		
Protection class		III		
Operating frequency	[MHz]	13,56		
RFID standard		ISO 15693		
Outputs				
Max. current load per output	[mA]	100; (max.)		
Detection zone				
Distance write/read head front	[mm]	600		
Distance write/read head side	[mm]	850		
Note on distance write/read head		100%		transmission power
Distance to the ID tag	[mm]	50 mm tag	:	≤ 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		

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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...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)
UL approval		Ta	-20…60 °C
		Enclosure type	Type 1
		power supply	Limited Voltage/Current
		File number UL	E205959
Mechanical data			
Weight	[g]	645.1	
Dimensions	[mm]	113 x 118.5 x 50	
Materials		PBT / PC; stainless steel; aluminium	
Displays / operating elements			
Display		power supply	1 x LED, green
		LED bar 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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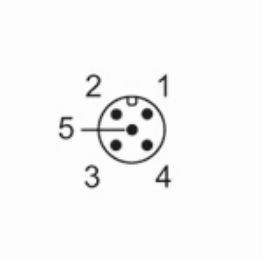
Electrical connection - power supply

Connector: 1 x M12; coding: A



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