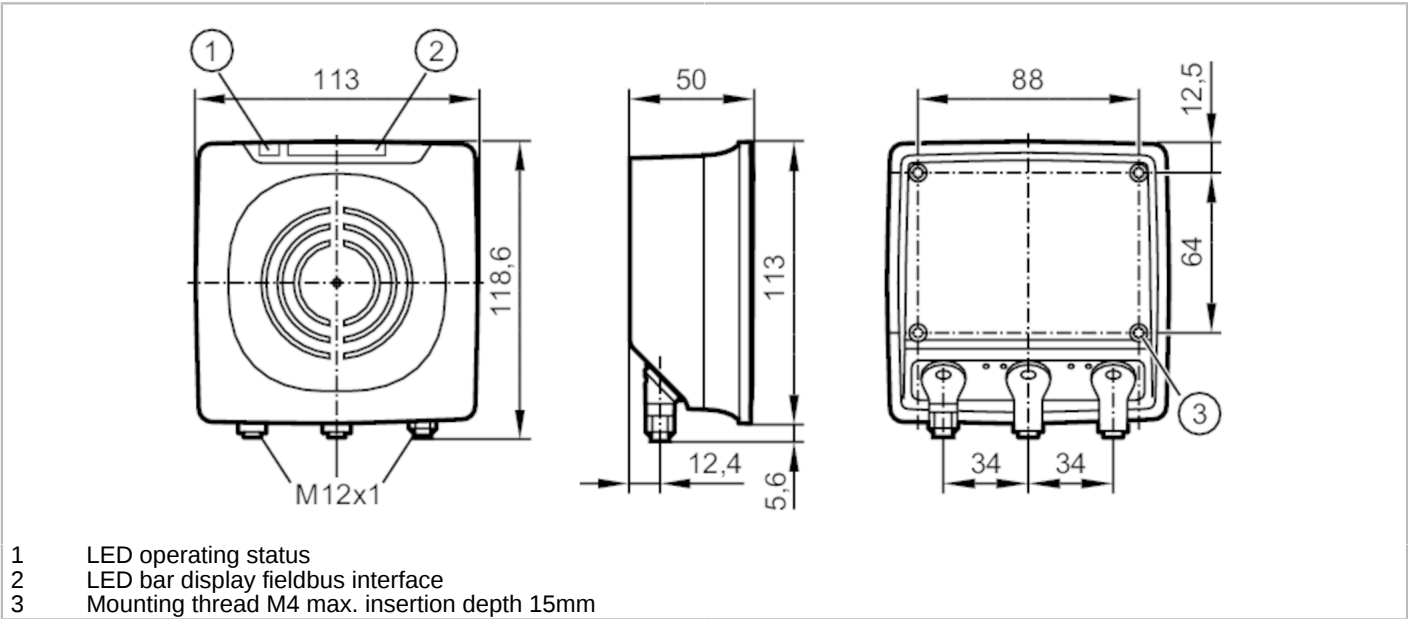


DTE602



Compact RFID device with fieldbus interface

DTRHF HLRWEIUS03



Application			
Radio approval for		USA; Canada; EU/RED; Australia; China; South Korea; Japan; Taiwan; Singapore; 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 - EtherNet/IP			
Protocol		EtherNet/IP	
Usage type		data transmission	

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Ethernet - TCP/IP	
Protocol	TCP/IP
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)
MTTF [years]	130	

Mechanical data	
Weight [g]	640.5
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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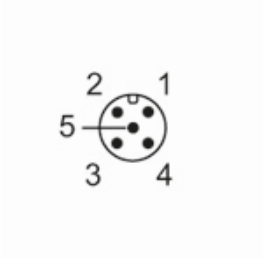


Compact RFID device with fieldbus interface

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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