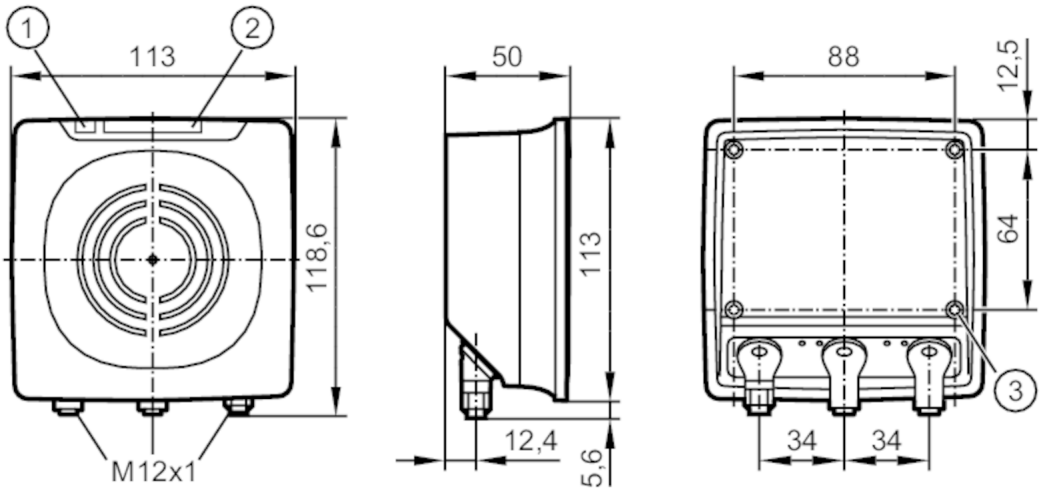
DTE602

Compact RFID device with fieldbus interface

DTRHF HLRWEIUS03



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

Application				
Radio approval for		USA; Canada; EU/RED; Australia; China; South Korea; Japan; Taiwan; Singapore; Malaysia; India		
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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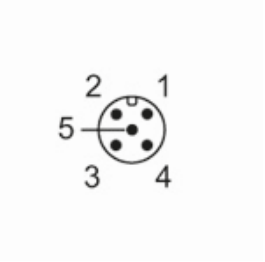
Electrical connection - power supply

Connector: 1 x M12; coding: A



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