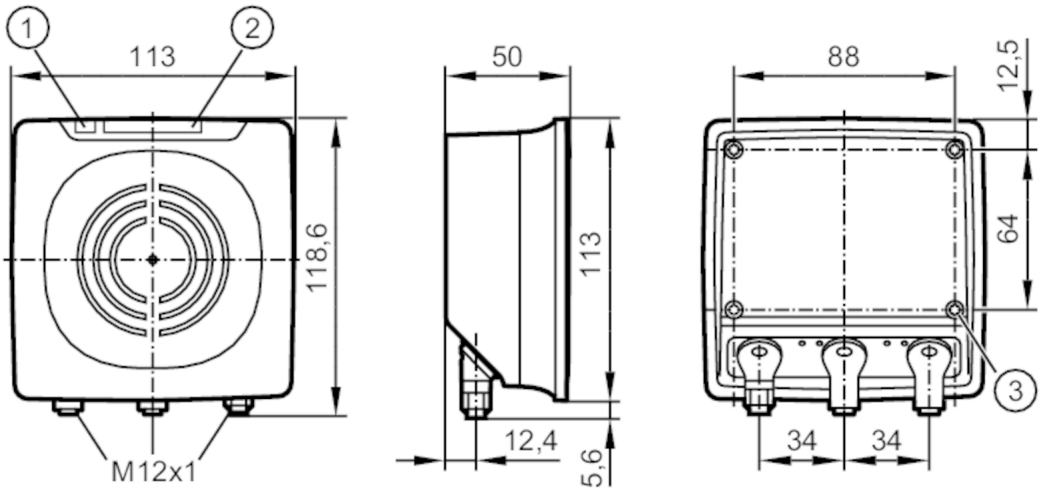
DTE904

Compact RFID device

DTRUHFA HLRWENUS04



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

Application		
Radio approval for		USA; Canada; Mexico
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
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
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

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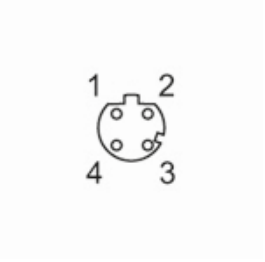
Operating conditions			
Ambient temperature	[°C]	-20...55	
Note on ambient temperature		with mounting plate and cooling element: -20...60 °C	
Storage temperature	[°C]	-25...80	
Protection		IP 67	
Tests / approvals			
Shock resistance		IEC 60028-2-27	40 g (6 ms) / bump
			50 g (11 ms) / single shock
Vibration resistance		EN 60068-2-6	2 g (10...150 Hz)
Mechanical data			
Weight	[g]	695	
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

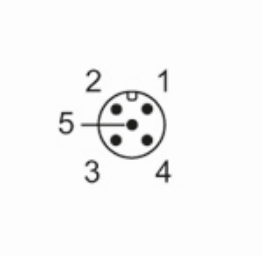
Connector: 2 x M12; coding: D



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

Electrical connection - voltage supply

Connector: 1 x M12; coding: A



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