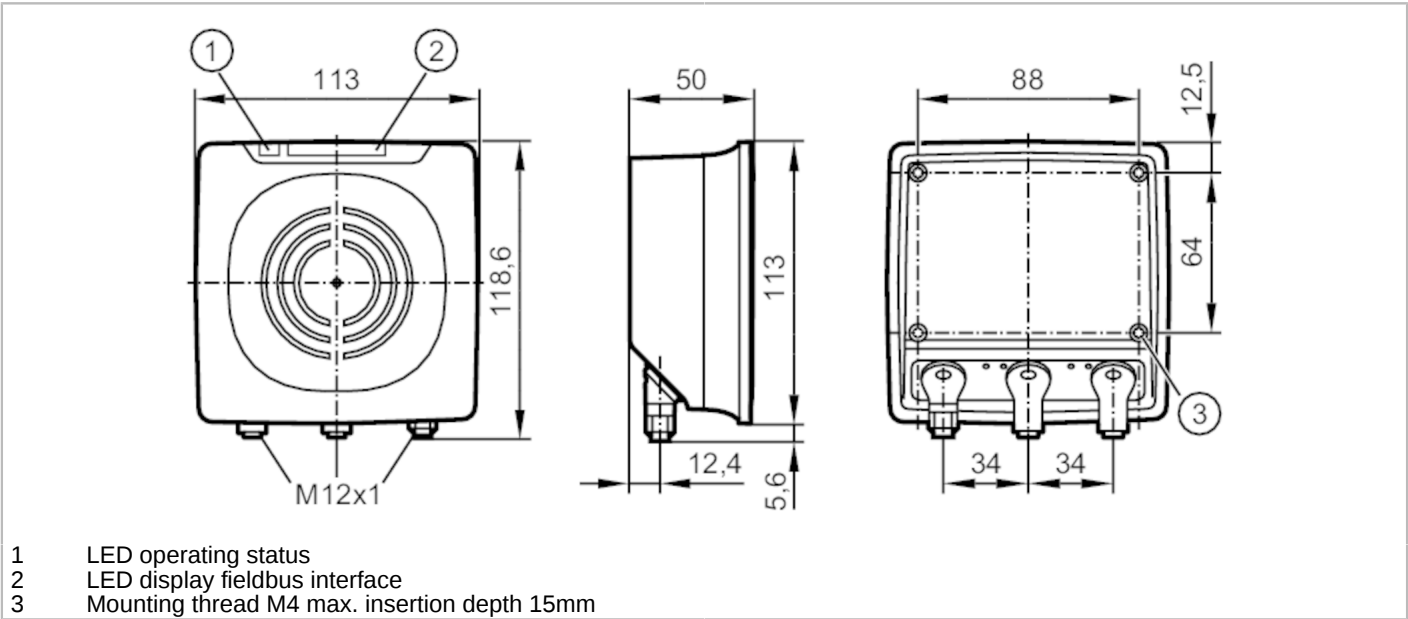


DTE602



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; Indonesia
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

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

Monitoring range

Distance write/read head front [mm]	600
Distance write/read head side [mm]	850
Note on distance write/read head	100% transmission power

DTE602



Compact RFID device with fieldbus interface

DTRHF HLRWEIUS03

Distance to the ID tag	[mm]	50 mm transponder	:	≤ 150
		ISO card	:	≤ 180

Interfaces

Communication interface	Ethernet
-------------------------	----------

Ethernet - EtherNet/IP

Protocol	EtherNet/IP
----------	-------------

Usage type	Data transmission
------------	-------------------

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 118.6 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



DTE602



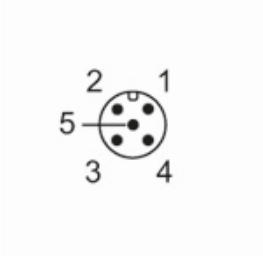
Compact RFID device with fieldbus interface

DTRHF HLRWEIUS03

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

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