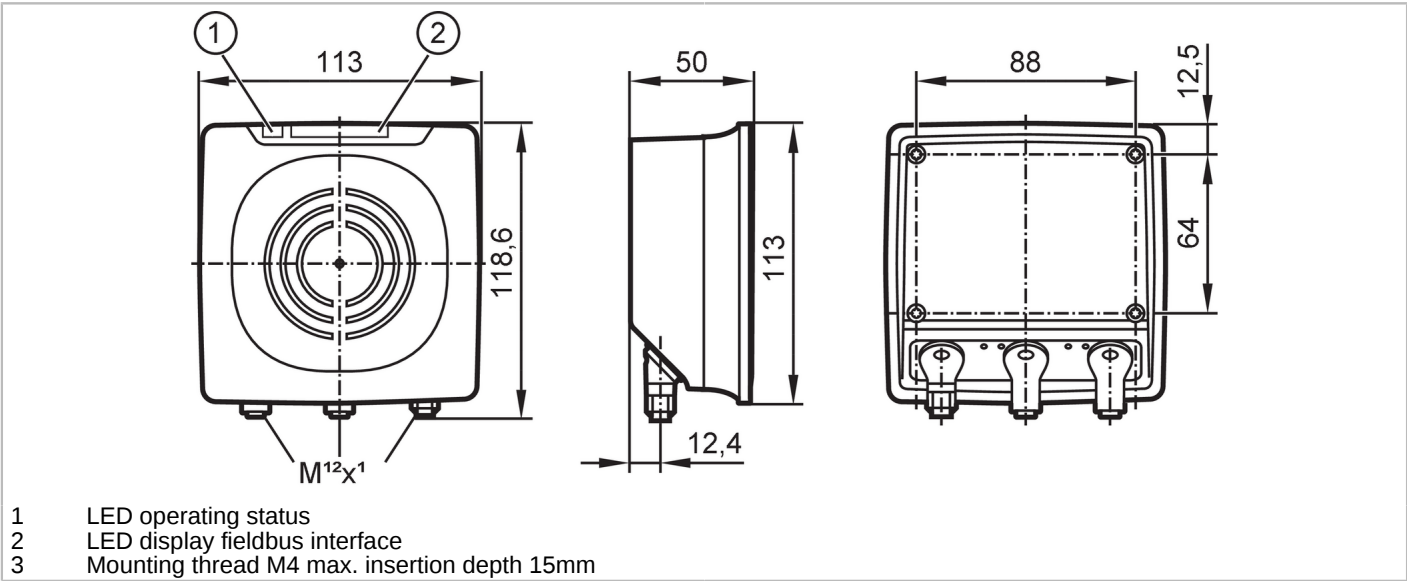


DTE601



Compact RFID device with fieldbus interface

DTRHF HLRWPNUS03



Application

Radio approval for	USA; Canada; EU/RED; Australia; China; South Korea; Japan; Taiwan; Singapore; Malaysia; India; 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
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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

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

Interfaces

Communication interface	Ethernet
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Ethernet - PROFINET

Protocol	PROFINET
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Usage type	Data transmission
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Ethernet - TCP/IP

Protocol	TCP/IP
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Factory settings	IP address: 192.168.0.79
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	subnet mask: 255.255.255.0
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	gateway IP address: 192.168.0.100
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Usage type	Parameter setting
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Operating conditions

Ambient temperature	[°C]	-20...60
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Storage temperature	[°C]	-25...80
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Protection	IP 67
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Tests / approvals

Shock resistance	IEC 60028-2-27	40 g (6 ms) / bump
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		50 g (11 ms) / single shock
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Vibration resistance	EN 60068-2-6	2 g (10...150 Hz)
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MTTF	[years]	130
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Mechanical data

Weight	[g]	641.5
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Dimensions	[mm]	113 x 118.6 x 50
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Material	lower part: aluminum; Upper part: PBT / PC; plug: stainless steel
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Displays / operating elements

Display	voltage supply	1 x LED, green
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	LED display	4 x LED, yellow signal strength ID tag
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	status	2 x LED, green/red fieldbus interface
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	status	2 x LED, green/yellow Ethernet
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Remarks

Pack quantity	1 pcs.
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Electrical connection - Ethernet

Connector: 2 x M12; coding: D; Contacts: 4



ETH1 / ETH2

1	TD+
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2	RD+
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3	TD-
---	-----

4	RD-
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DTE601

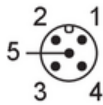


Compact RFID device with fieldbus interface

DTRHF HLRWPNUS03

Electrical connection - voltage supply

Connector: 1 x M12; coding: A; Contacts: 5



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