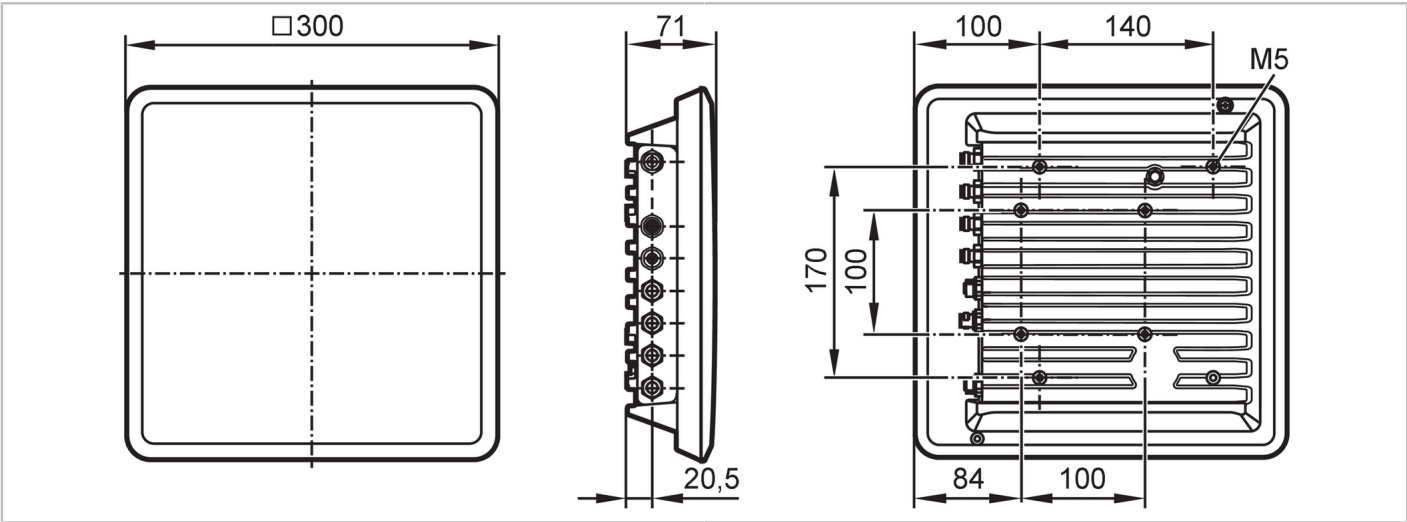


DTE930



RFID evaluation unit UHF

DTEUHFEA_ABRWETUSTN04



Application	
Radio approval for	USA; Canada; Australia; Singapore; Mexico; South Africa
Electrical data	
Operating voltage [V]	24 DC
Current consumption [mA]	700
Operating frequency [MHz]	902...928 (FCC), 920...926 (ACMA), 920...923 (SDPPI) max. 400 mW EIRP, 919...923 (SIRIM), 920...925 (IMDA), 915,3...920,9 (ICASA)
Antenna connections	4; (TNC Reverse)
RFID standard	EPC Class1 GEN2/ISO 18000-6C
Transmission power ERP [mW]	2000; (parameterisable in steps: 1 dB 50mW ... 2W)
Impedance [Ω]	50
Inputs / outputs	
Number of inputs and outputs	Number of digital inputs: 4; Number of digital outputs: 4
Inputs	
Number of digital inputs	4
Outputs	
Number of digital outputs	4
Max. current load per output [mA]	500; (max.)
Detection zone	
RSSI threshold	adjustable via software
Interfaces	
Communication interface	Ethernet
Ethernet - EtherNet/IP	
Protocol	EtherNet/IP
Usage type	data transmission
Ethernet - TCP/IP	
Protocol	TCP/IP
Usage type	parameter setting; data transmission



RFID evaluation unit UHF

DTEUHFEA_ABRWETUSTN04

Operating conditions

Ambient temperature	[°C]	-20...55
Storage temperature	[°C]	-40...85
Protection		IP 67

Tests / approvals

Radio approval	FCC Part15	
UL approval	Ta	-20...60 °C
	Enclosure type	IP67
	voltage supply	SELV
	File number UL	E347020

Mechanical data

Weight	[g]	3417.8
Dimensions	[mm]	300 x 300 x 71
Materials	housing: aluminium; Protective cover: plastics; TNC socket: brass / PTFE; connector: brass / plastic	

Displays / operating elements

Display	operation	1 x LED, yellow/green
		4 x LED, multi-colour programmable
Acoustic signal	buzzer	

Remarks

Pack quantity	1 pcs.
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Electrical connection - Ethernet

Connector: 1 x M12; coding: X; Contacts: 8



LAN

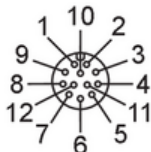
1	TX+
2	TX-
3	RX+
4	RX-

PoE+

1	TX+ / PoE+1
2	TX- / PoE+1
3	RX+ / PoE+2
4	RX- / PoE+2
5	PoE+1
6	PoE+1
7	PoE+2
8	PoE+2

Electrical connection - inputs / outputs

Connector: 1 x M12; Contacts: 12





RFID evaluation unit UHF

DTEUHFEA_ABRWETUSTN04

GPIO	
1	OUT_CMN
2	OUTPUT_1
3	INPUT_3
4	INPUT_CMN
5	INPUT_1
6	GND
7	UB
8	OUTPUT_4
9	OUTPUT_3
10	OUTPUT_2
11	INPUT_2
12	INPUT_4

Electrical connection - voltage supply

Connector: 1 x M12; coding: A; Contacts: 4



Power Supply

1	+24V DC
2	GND
3	GND
4	+24V DC