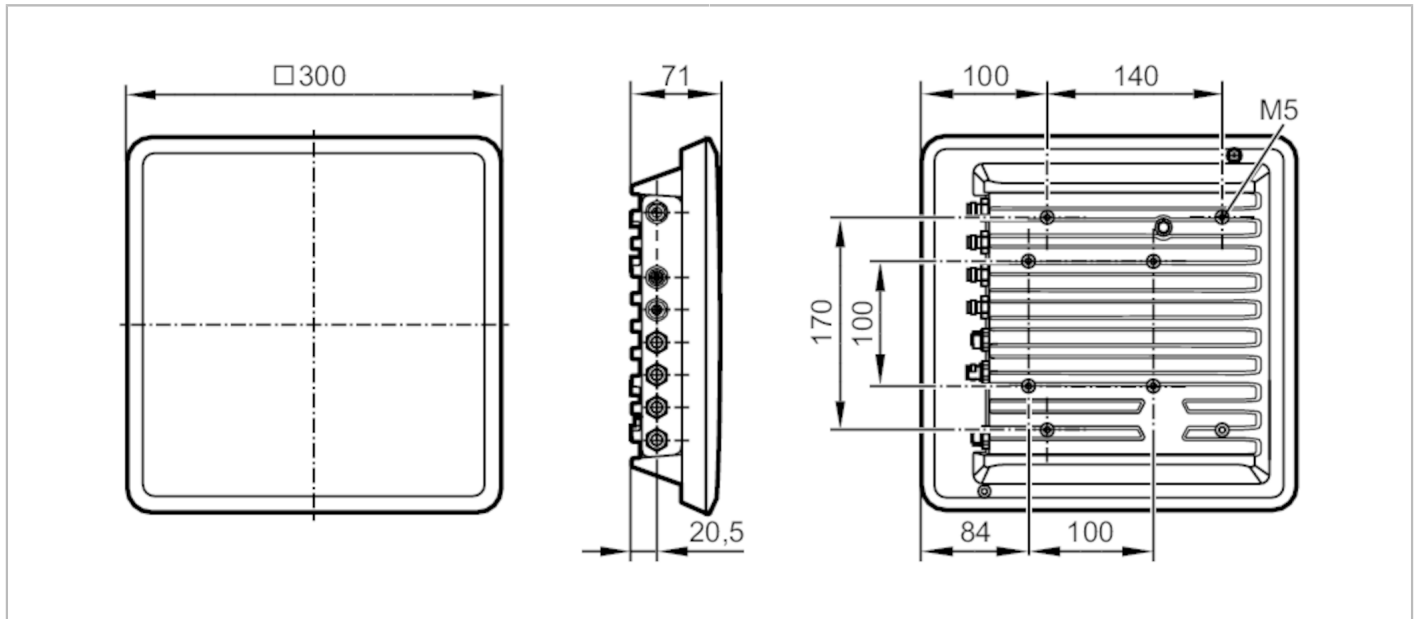


# DTE830



## RFID evaluation unit UHF

DTEUHF\_ABRWETUSTN04



Application	
Radio approval for	Europe
Electrical data	
Operating voltage [V]	24 DC
Max. current consumption [mA]	700
Operating frequency [MHz]	865...868 (ETSI)
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 [ $\Omega$ ]	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

# DTE830



## RFID evaluation unit UHF

DTEUHFE\_ABRWETUSTN04

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

Tests / approvals		
Radio approval		EN 302 208

Mechanical data		
Weight	[g]	3371.5
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.

### Electrical connection - Ethernet

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

Connector: 1 x M12





## RFID evaluation unit UHF

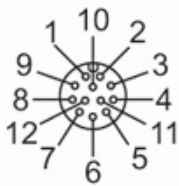
DTEUHFE\_ABRWETUSTN04

### Electrical connection - inputs / outputs

#### 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

Connector: 1 x M12



### Electrical connection - voltage supply

#### Power Supply

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

Connector: 1 x M12

