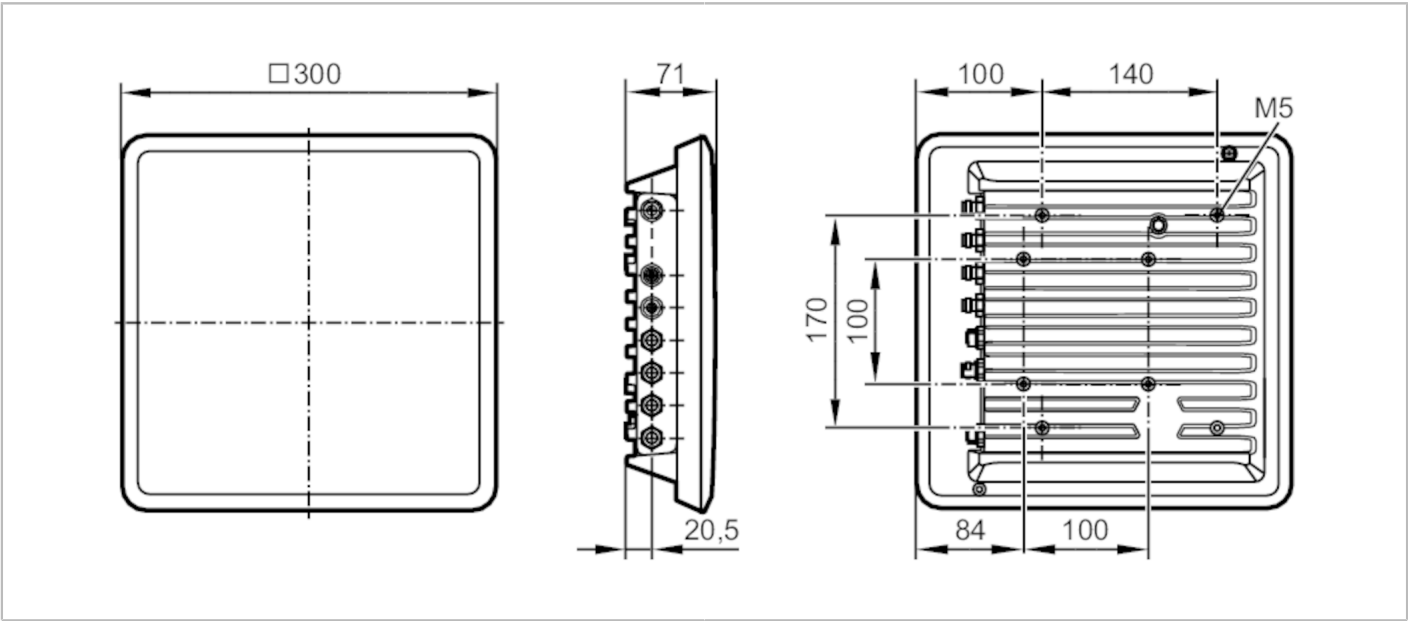


DTE830



RFID evaluation unit UHF

DTEUHF_E_ABRWETUSTN04



Application	
Radio approval for	EU/RED; India
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]	24 DC
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 [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



RFID evaluation unit UHF

DTEUHFE_ABRWETUSTN04

Ethernet - TCP/IP		
Protocol	TCP/IP	
Usage type	parameter setting; data transmission	
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]	3354
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		
Connector: 1 x M12; coding: X		
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	

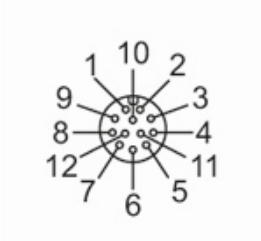


RFID evaluation unit UHF

DTEUHFE_ABRWETUSTN04

Electrical connection - inputs / outputs

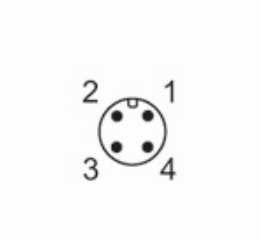
Connector: 1 x M12



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 - power supply

Connector: 1 x M12; coding: A



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