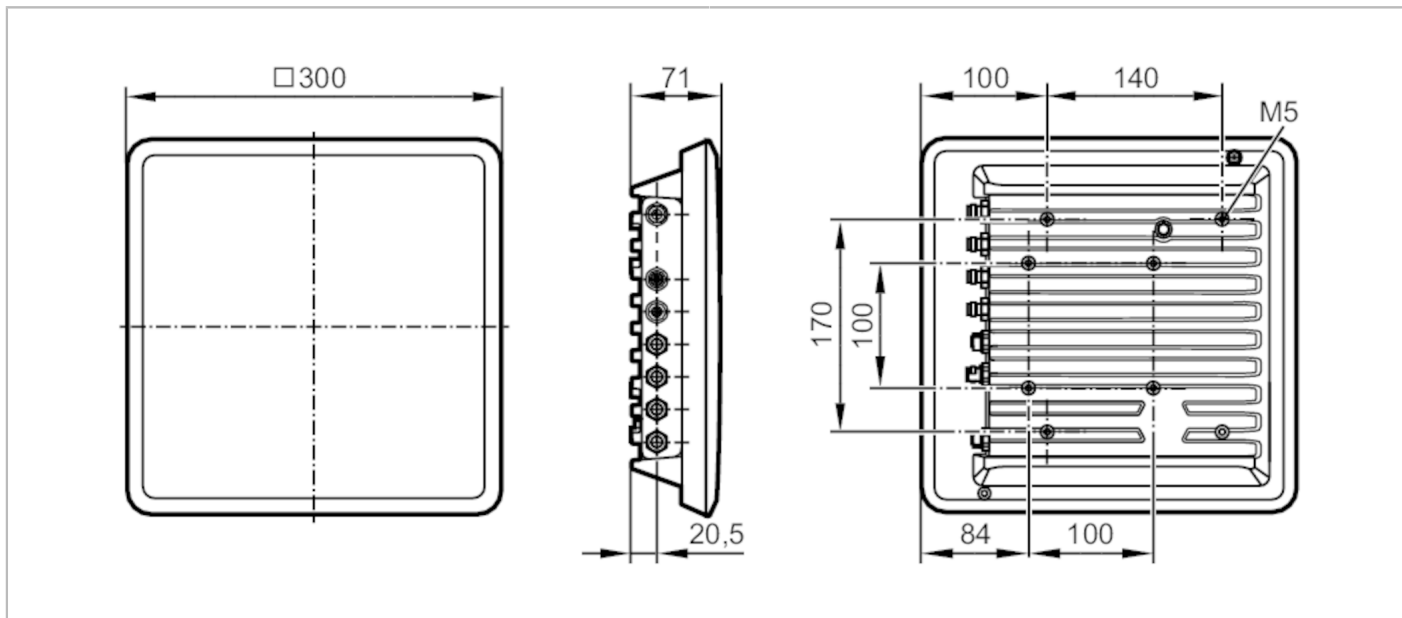


DTE835



RFID evaluation unit

DTEUHFE_ABRWETUSTN04



Application	
Radio approval for	India
Electrical data	
Operating voltage [V]	24 DC
Max. current consumption [mA]	700
Operating frequency [MHz]	865...867
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

DTE835




RFID evaluation unit

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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]	3457	
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

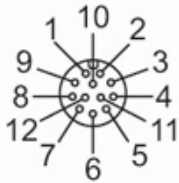
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Electrical connection - inputs / outputs

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

