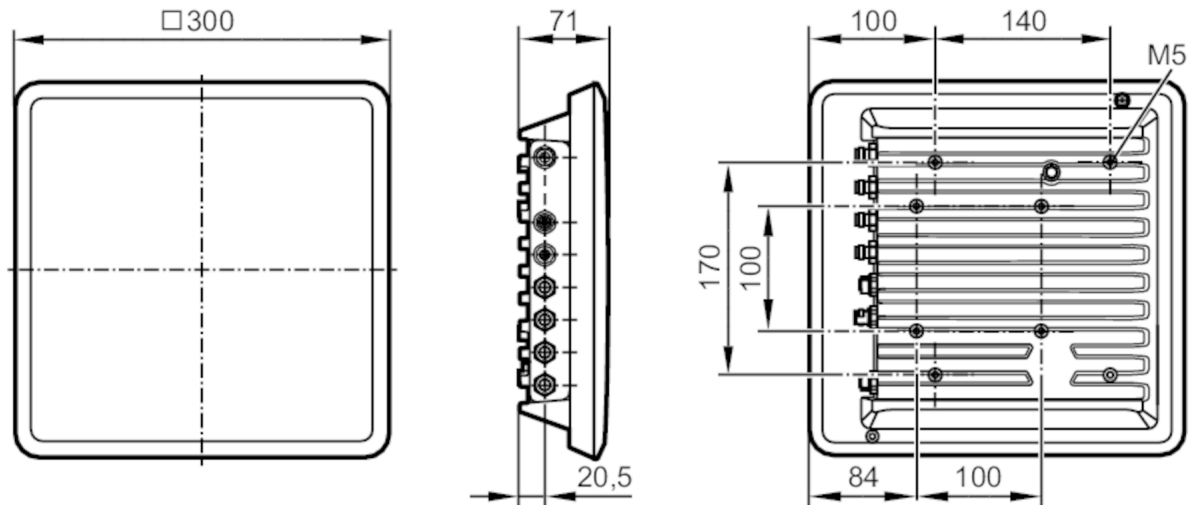


RFID evaluation unit UHF

DTEUHF_ ABRWETUSTN04



Application

Radio approval for India

Electrical data

Operating voltage	[V]	24 DC
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; data transmission



RFID evaluation unit UHF

DTEUHF_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]	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

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	

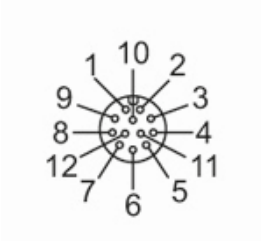


RFID evaluation unit UHF

DTEUHFE_ABRWETUSTN04

Electrical connection - inputs / outputs

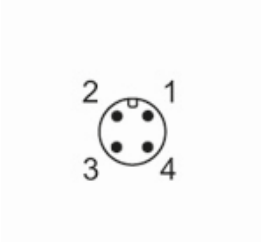
Connector: 1 x M12



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