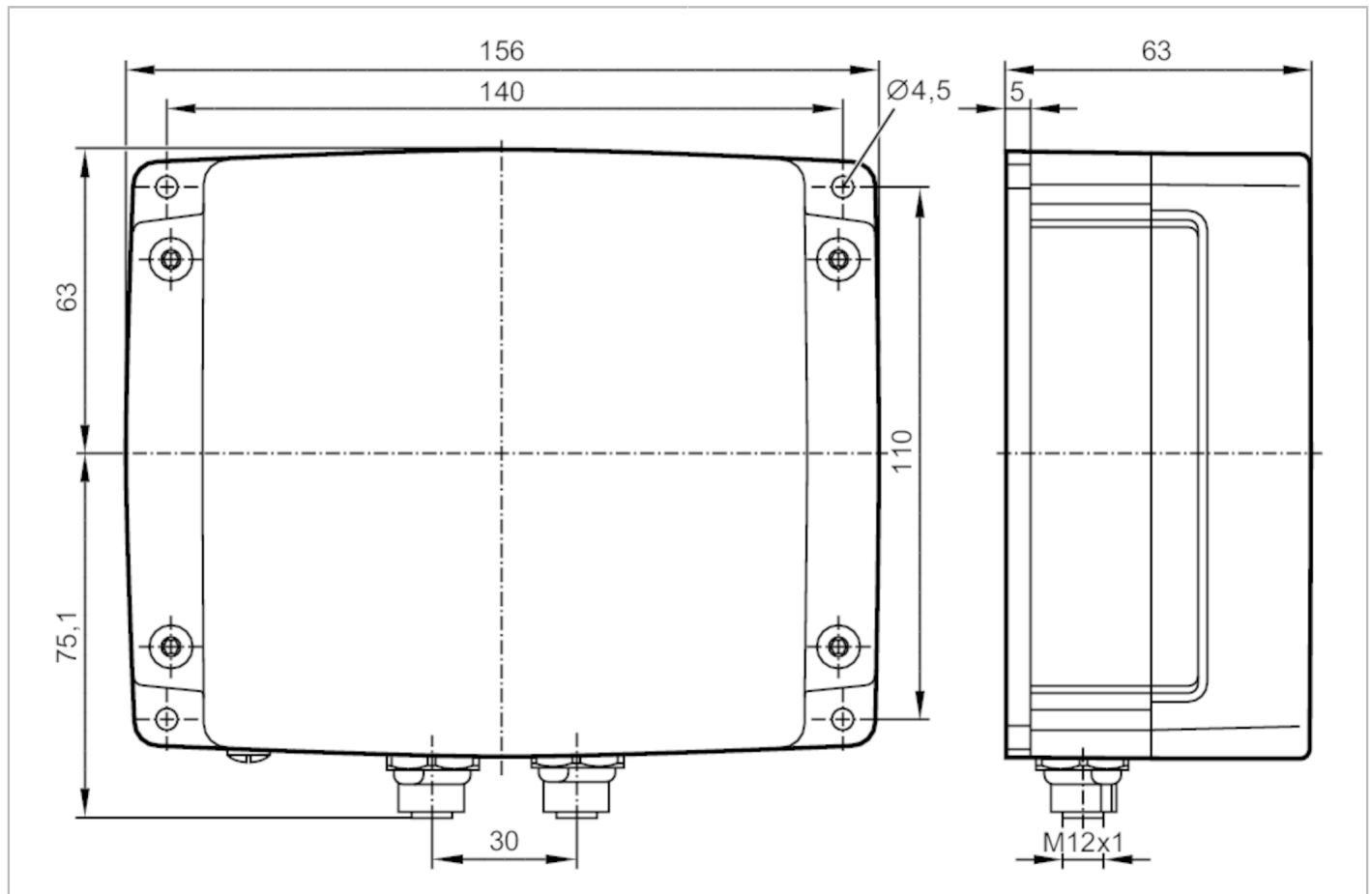


DTE820



RFID evaluation unit UHF

DTEUHF ABRWETUS04



Application

Radio approval for	EU/RED
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]	220
Operating frequency	[MHz]	865...868 (ETSI)
RFID standard		EPC Class1 GEN2/ISO 18000-6C
Transmission power ERP	[mW]	266
Antenna gain	[dB]	2.5
Impedance	[Ω]	50

Software / programming

Parameter setting options	Software
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Interfaces

Communication interface	Ethernet
Ethernet	
Protocol	TCP/IP



RFID evaluation unit UHF

DTEUHF ABRWETUS04

Operating conditions		
Ambient temperature	[°C]	-20...55
Storage temperature	[°C]	-40...85
Protection		IP 65
Mechanical data		
Weight	[g]	1272
Housing		rectangular
Dimensions	[mm]	138.1 x 63 x 156
Materials		housing: aluminium; Protective cover: plastics; connector: diecast zinc / plastic
Displays / operating elements		
Display	operation	1 x LED, red/green
Remarks		
Pack quantity		1 pcs.

Electrical connection - Ethernet / PoE

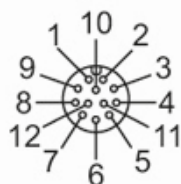
Connector: 1 x M12; coding: D



1	TD+ PoE 1
2	RD+ PoE 2
3	TD- PoE 1
4	RD- PoE 2

Electrical connection - GPIO / RS-232 / Ub

Connector: 1 x M12



1	GPIO - OUT3
2	GPIO - GND
3	GND
4	RS-232 - GND
5	RS-232 - RxD
6	RS-232 - TxD
7	24 V DC
8	GPIO - OUT2
9	GPIO - IN3
10	GPIO - OUT1
11	GPIO - IN2
12	GPIO - IN1