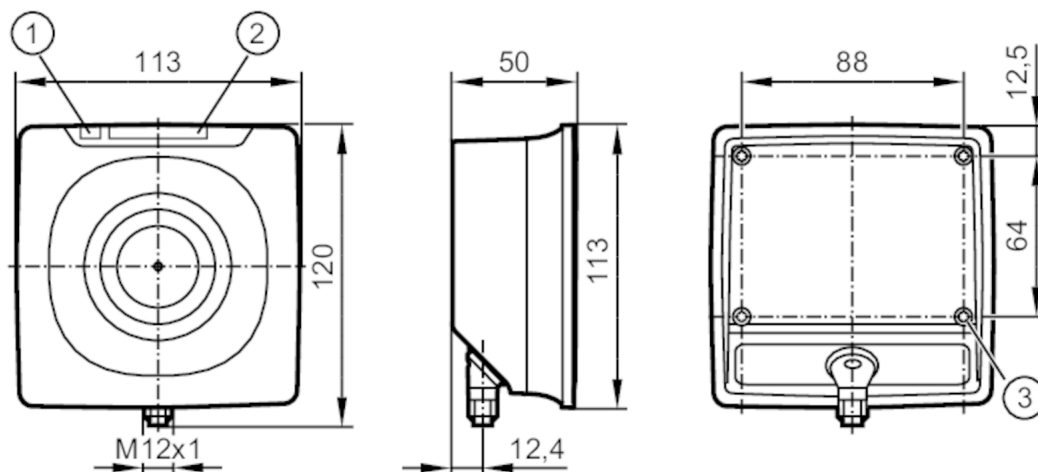


DTI901



RFID UHF compact unit

DTRUHFA HLRWIOUS04



- 1 LED operating status
- 2 LED bar display
- 3 Mounting thread: M4 max. insertion depth: 15 mm



Application

Application	detection of objects on transport equipment
Radio approval for	Canada; USA

Electrical data

Operating voltage	[V]	18...30 DC
Current consumption	[mA]	< 250
Power consumption	[W]	4.8
Protection class		III
Operating frequency	[MHz]	902...928
RFID standard		EPC Class1 GEN2/ISO 18000-63
Transmission power EIRP	[mW]	200; (maximum: 410 mW)

Interfaces

Communication interface	IO-Link	
Transmission type	COM3 (230,4 kBaud)	
IO-Link revision	1.1	
Supported DeviceIDs	Type of operation	DeviceID
	default	1418

Operating conditions

Ambient temperature	[°C]	-20...60
Storage temperature	[°C]	-25...80
Protection		IP 67

Tests / approvals

Shock resistance	EN 60068-2-27	40 g 6 ms / bump
	EN 60068-2-27	50 g 11 ms / single shock
Vibration resistance	EN 60068-2-6	2 g 10...150 Hz
Electrical protection	EN 61010-2-201	electrical supply only via PELV circuits

DTI901



RFID UHF compact unit

DTRUHFA HLRWIOUS04

UL approval	Ta	-20...60 °C
	Enclosure type	Type 1
	подача напруги	Limited Voltage/Current
	File number UL	E205959

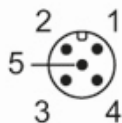
Mechanical data		
Weight	[g]	635.8
Dimensions	[mm]	120 x 50 x 113
Materials		PBT; PC; stainless steel; aluminium

Displays / operating elements		
Display	operation	1 x LED, green
	tag communication	4 x LED bar display, yellow number of tags in the field

Remarks	
Pack quantity	1 pcs.

Electrical connection

Connector: 1 x M12; coding: A



1 Sensor supply L+
2 not used
3 Sensor supply L-
4 IO-Link
5 not used