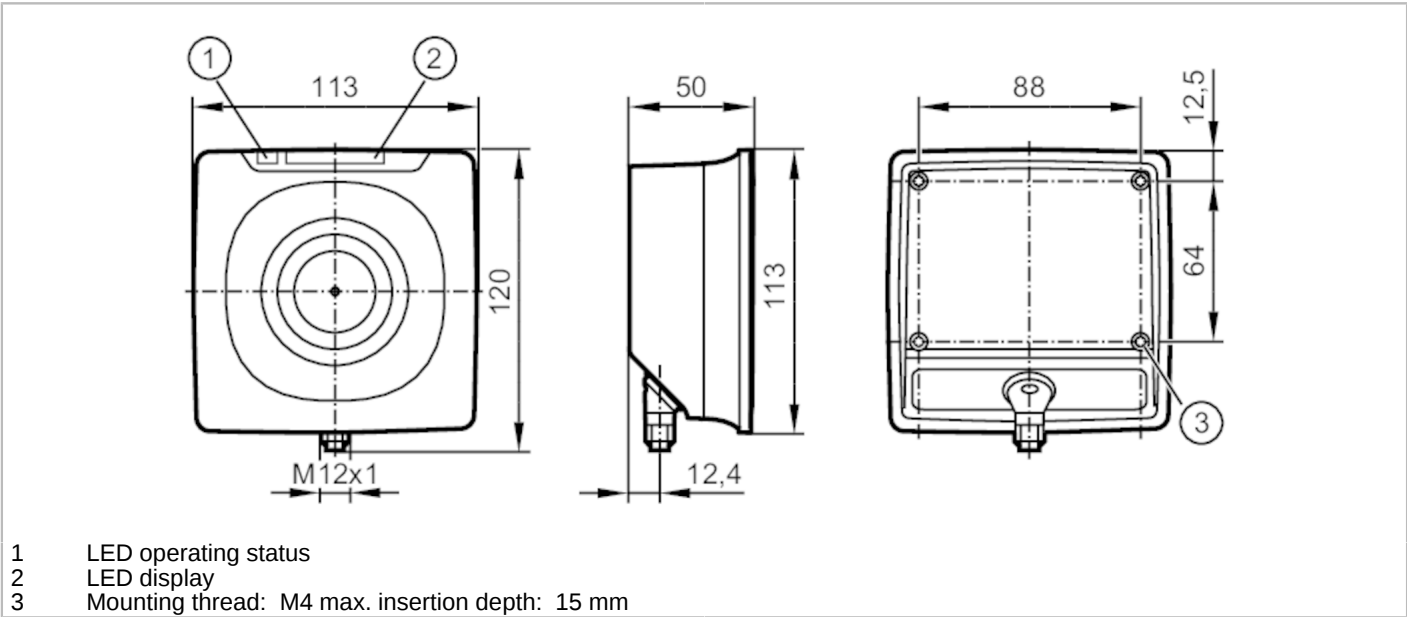


DTI801



RFID UHF compact unit

DTRUHFE HLRWIOUS04



Application		
Application	Detection of objects on transport equipment	
Radio approval for	EU/RED; United Kingdom	
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]	18...30 DC
Current consumption	[mA]	< 250
Power consumption	[W]	4.8
Protection class		III
Operating frequency	[MHz]	865...868
RFID standard		EPC Class1 GEN2/ISO 18000-63
Transmission power ERP	[mW]	120; (maximum: 200 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

DTI801



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Electrical safety	EN 61010-2-201	electrical supply only via PELV circuits
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Mechanical data

Weight	[g]	637.5
Dimensions	[mm]	120 x 50 x 113
Material		PBT; PC; stainless steel; aluminum

Displays / operating elements

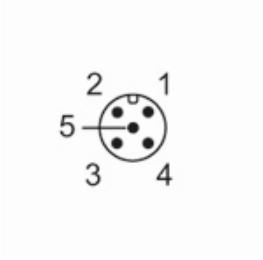
Display	Power	1 x LED, green
	tag communication	4 x LED display, yellow number of tags in the field

Remarks

Pack quantity	1 pcs.
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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	