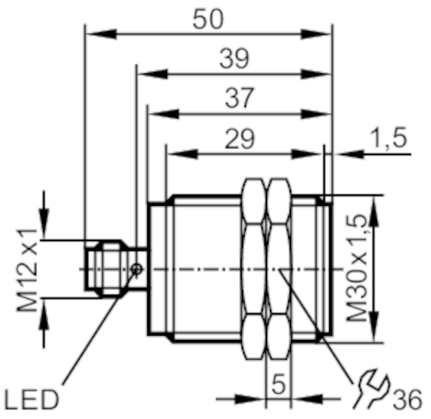
DTI430

RFID read/write head HF

DTRHF IBRWIOUS03



Application				
Application		detection of objects on transport equipment		
Radio approval for		Europe; USA; Canada; Japan; Australia; China; Taiwan; India; Singapore		
Electrical data				
Operating voltage	[V]	19.2...28.8 DC		
Current consumption	[mA]	< 50		
Protection class		III		
Operating frequency	[MHz]	13,56		
RFID standard		ISO 15693		
Detection zone				
Distance write/read head front	[mm]	100		
Distance write/read head side	[mm]	50		
Distance to the ID tag	[mm]	referred to 30 mm coin tag; I-CODE SLI	:	≤ 30
Interfaces				
Communication interface		IO-Link		
Transmission type		COM2 (38.4 kBaud)		
IO-Link revision		1.1		
SDCI standard		IEC 61131-9		
IO-Link device ID		967 d / 00 03 C7 h		
Profiles		Smart Sensor: Device Identification		
SIO mode		no		
Required master port type		A		
Operating conditions				
Ambient temperature	[°C]	-20...60		
Storage temperature	[°C]	-25...80		
Protection		IP 67; IP 69K		

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Tests / approvals			
EMC		DIN EN 301489-3	
Shock resistance		EN 60068-2-27	40 g 6 ms / repetitive
		EN 60068-2-27	50 g 11 ms / not repetitive
Vibration resistance		EN 60068-2-6	20 g 10...2000 Hz
Radio approval		EN 300 330 V2.1.1	
UL approval		Ta	-20...60 °C
		Enclosure type	Type 1
		voltage supply	Limited Voltage/Current
		File number UL	E205959

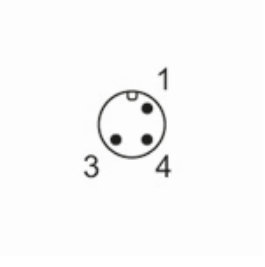
Mechanical data		
Weight	[g]	185
Housing		cylindrical
Mounting		flush mountable
Dimensions	[mm]	M30 x 1.5 / L = 50
Thread designation		M30 x 1.5
Materials		housing: stainless steel; Protective cover: PPS

Displays / operating elements		
Display	operation	1 x LED, green
	tag communication	1 x LED, yellow

Remarks	
Remarks	only for static applications
Pack quantity	1 pcs.

Electrical connection

Connector: 1 x M12



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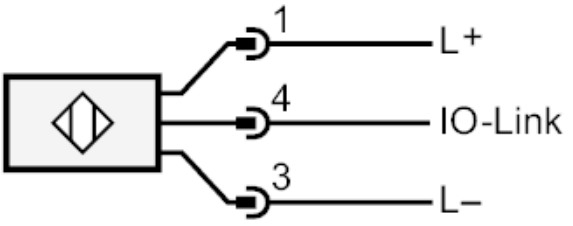
Connection