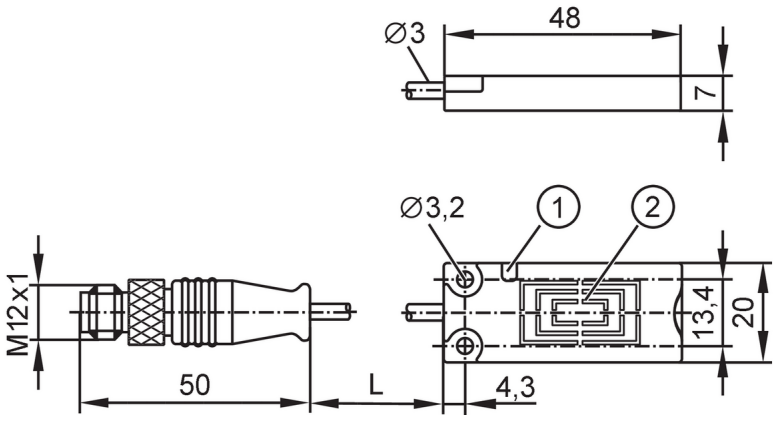
ANT515

RFID read/write head HF

DTRHF KQRWIDUS03-



1 LED
2 Sensing face

Application				
Application		detection of objects on transport equipment		
Radio approval for		USA; Canada; EU/RED; Australia; Japan; China; Taiwan; India; Singapore; Ukraine; Malaysia; Mexico; Vietnam		
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]	19.2...28.8 DC		
Current consumption	[mA]	< 60		
Protection class		III		
Operating frequency	[MHz]	13,56		
RFID standard		ISO 15693		
Detection zone				
Distance write/read head front	[mm]	170		
Distance write/read head side	[mm]	160		
Distance to the ID tag	[mm]	referred to 30 mm coin tag and antenna installed on metal, I-CODE SLI	:	≤ 32
Interfaces				
Communication interface		DATA / DTE10x		
Operating conditions				
Ambient temperature	[°C]	-20...60		
Storage temperature	[°C]	-25...80		
Protection		IP 67; IP 69K		
Tests / approvals				
Shock resistance		EN 60068-2-27	50 g 11 ms / 40 g (6 ms, continuous)	
Vibration resistance		EN 60068-2-6	20 g 10...2000 Hz	
MTTF	[years]	458		

ANT515

RFID read/write head HF

DTRHF KQRWIDUS03-

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

Mechanical data

Weight	[g]	80
Housing		rectangular
Mounting		non-flush mountable
Dimensions	[mm]	20 x 7 x 48
Materials		PBT; TPE-U; stainless steel

Displays / operating elements

Display	operation	1 x LED, green
	tag communication	1 x LED, yellow

Remarks

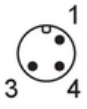
Pack quantity	1 pcs.

Electrical connection

Cable: 1 m, PUR; 3 x 0.14 mm²

Electrical connection - plug

Connector: 1 x M12; coding: A; Contacts: 3



Connection

