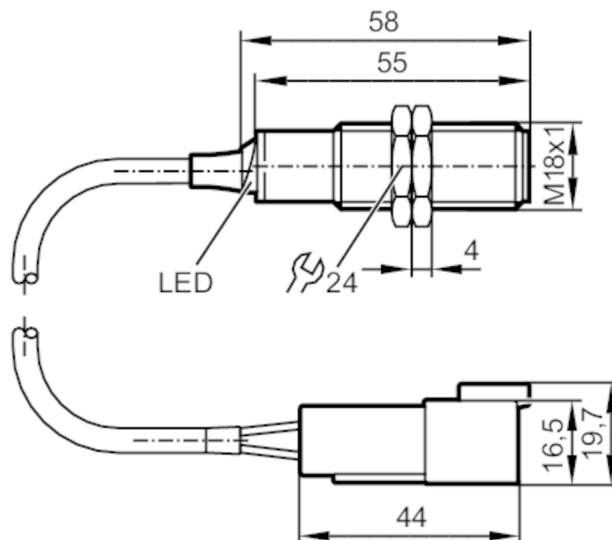


RFID read/write head with CAN

DTMHF GBRWCODC03



Application

Radio approval for	USA; Canada; EU/RED; Australia; Japan; China; Taiwan; India; Singapore
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]	9...32 DC
Current consumption	[mA]	< 50 (24 V) / < 80 (12 V)
Protection class		III
Operating frequency	[MHz]	13,56
RFID standard		ISO 15693

Detection zone

Distance to the ID tag	[mm]	≤ 15
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Interfaces

Communication interface	CAN
CAN	
Protocol	CANopen

Operating conditions

Ambient temperature	[°C]	-40...85
Storage temperature	[°C]	-40...85
Protection		IP 67; IP 69K

Tests / approvals

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	10 g 10...2000 Hz
MTTF	[ANN]	506



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Mechanical data		
Weight	[g]	120.5
Housing		threaded type
Mounting		flush mountable
Dimensions	[mm]	M18 x 1 / L = 58
Thread designation		M18 x 1
Materials		housing: stainless steel (1.4301 / 304); Protective cover: PPS; cable plug: PUR
Tightening torque	[Nm]	< 25
Displays / operating elements		
Display	Preoperational Mode	1 x LED, green lights
	Operational Mode	1 x LED, green flashing
	errors	1 x LED, red flashing
	tag communication	1 x LED, yellow lights
Remarks		
Pack quantity		1 pcs.
Electrical connection		
Cable: 0.8 m		
		
1	CAN_H	
2	CAN_L	
3	GND	
4	U+	