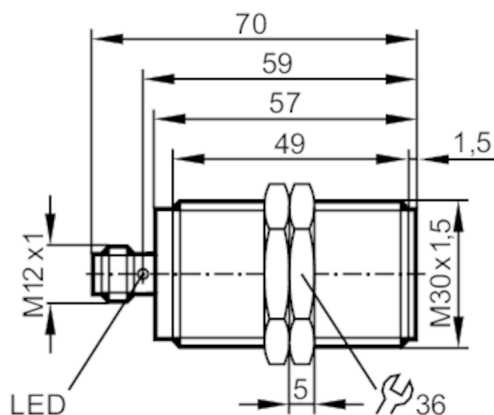




RFID read/write head with CAN interface and CANopen protocol

DTMHF IBRWCOUS03



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 write/read head front	[mm]	120
Distance write/read head side	[mm]	60
Distance to the ID tag	[mm]	≤ 30

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

EMC	EN 301489-3	V 1.6.1
Shock resistance	EN 60068-2-27	40 g 6 ms / repetitive
Vibration resistance	EN 60068-2-27	50 g 11 ms / not repetitive
Radio approval	EN 300330-2	20 g 10...2000 Hz
MTTF	[years]	379.51



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Mechanical data

Weight	[g]	196.4
Housing		threaded type
Dimensions	[mm]	M30 x 1.5 / L = 70
Thread designation		M30 x 1.5
Materials		housing: stainless steel; Protective cover: PPS; connector housing: PEI

Displays / operating elements

Display	Preoperational mode	1 LED, green continuous light
	Operational mode	1 x LED, green flashing light
	errors	1 x LED, red flashing light
	tag communication	1 x LED, yellow continuous light

Remarks

Remarks	Singapore Not approved for operation, for export only.
Pack quantity	1 pcs.

Electrical connection

1	not used
2	U+
3	GND
4	CAN_H
5	CAN_L

Connector: 1 x M12

