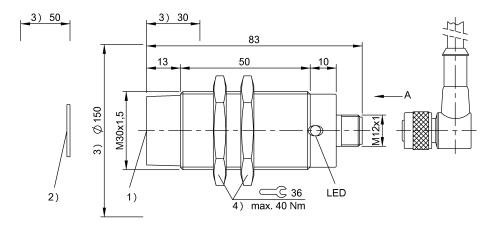
# HF (13.56 MHz) BIS M-400-045-001-07-S4 **Order Code: BIS00LH**





1) Sensing surface, 2) Data carrier, 3) Clear zone, 4) Tightening torque



## **Basic features**

Basic features		Environmental conditions	
Antenna type	round	Altitude max.	2000 m
Approval/Conformity	CE	Ambient temperature	-2080 °C
	UKCA	Area of operation	Indoor
	cULus	Contamination scale	2
	FCC	Continuous shock load	yes
	IC (Radio) WEEE	EN 60068-2-27, Shock	yes
	MIC	EN 60068-2-32 Free fall	yes
EN 55022	Gr. 1, Cl. A	EN 60068-2-6, Vibration	yes
Principle of operation	Processor unit	IP rating	IP67
		Relative humidity	090 %, non-condensing
Display/Operation		Storage temperature	-2085 °C
Function indicator	Power (ON) Green LED	Functional Characteristics	
	TP (Tag Present)	Supported data carrier types	DIN
	LED yellow		ISO
			14443
Electrical connection			DIN ISO 15693
Connection	M12x1-Male, 4-pin, A-coded	Functional safety	
Electrical data		MTTF (40 °C)	154 a
Current consumption max. at a	<b>24 V DC</b> 150 mA	IO-Link	
Operating voltage Ub	1830 VDC Supports only LPS/		
	Class 2	IO-Link Profil IDs	N/A
Residual ripple max.	1.3 Vpp		
Transfer rate	COM2 (38.4 kBaud)	Interface	
		Interface	IO-Link 1.1
		Process data IN	10 bytes

eCl@ss 9.1: 27-28-04-01 ETIM 6.0: EC002998 BIS00LH\_2.53\_2023-07-04

# HF (13.56 MHz) BIS M-400-045-001-07-S4 Order Code: BIS00LH

# BALLUFF

#### Material

Housing material	Brass, Nickel-plated brass nuts,	Ар
	nickel-plated	Dir
Housing material, surface protection	nickel-plated	Ins
		Siz

## **Mechanical data**

pplication weight	
imension	
stallation	
ize	

100.00 g Ø 30 x 83 mm metal-free (clear zone) M30x1.5

### Remarks

When installing, the technical standards and regulations of the corresponding countries must be observed.

Use included nuts for installation.

Values are under rated conditions unless otherwise specified.

For basic equipment: Accessories see www.balluff.com

For installation in metal: Observe clear zone.

This device is intended to be supplied by a UL-listed or CSA-certified power supply unit with "Class 2" or LPS power source.

The devices must be installed permanently.

1. Determine a suitable mounting position.

2. Fasten the device with suitable mounting material.

The device can be cleaned with a slightly damp cloth.

Regularly check the function of the device and all associated components through visual and functional tests.

- Shut down the device in the event of malfunctions.

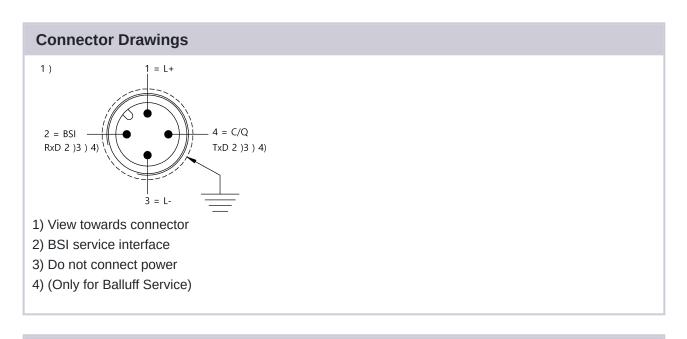
- Secure the system against unauthorized use.

- Check fastening and tighten if necessary.

The product is maintenance-free.

For more information about MTTF and B10d see MTTF / B10d Certificate

Indication of the MTTF- / B10d value does not represent a binding composition and/or life expectancy assurance; these are simply experiential values with no warranty implications. These declared values also do not extend the expiration period for defect claims or affect it in any way.



# **Help Views**

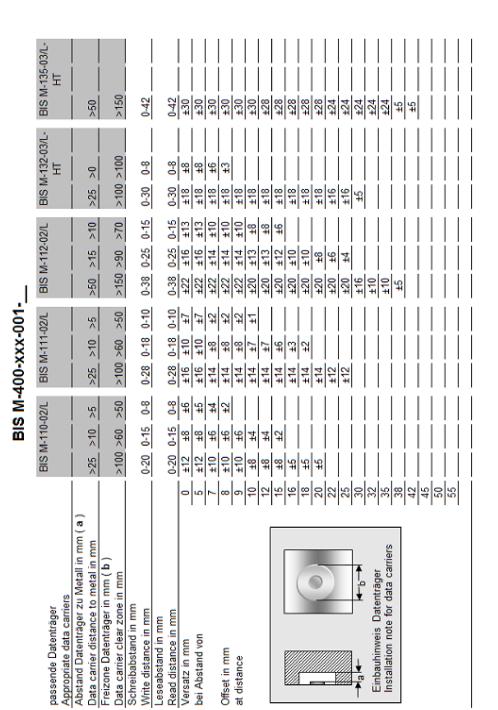
HF (13.56 MHz) BIS M-400-045-001-07-S4 Order Code: BIS00LH

Internet

eCl@ss 9.1: 27-28-04-01 ETIM 6.0: EC002998 BIS00LH\_2.53\_2023-07-04

BALLUFF

HF (13.56 MHz)
BIS M-400-045-001-07-S4
Order Code: BIS00LH







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	BIS M-143-02/A × × × × × × × × × ×
.	$\begin{array}{c c c c c c c c c c c c c c c c c c c $
BIS M-400-XXX-001	Bis M-140-02/A- $\times X$ >0 $\times X$ $\times 1000$ $1100$ $111$
-M SIA	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$
	passende Datenträger Appropriate data carriers Abstand Datenträger zu Metall in mm (a) Data carrier distance to metal in mm (b) Data carrier distance to metal in mm (b) Data carrier clear zone in mm (b) Data carrier clear zone in mm Schreibabstand in mm Write distance in mm Ueseabstand in mm Versatz in mm Dei Abstand von 13 Dei Abstan

