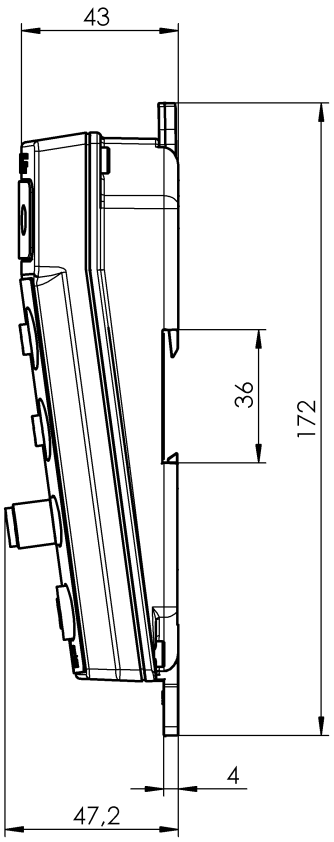
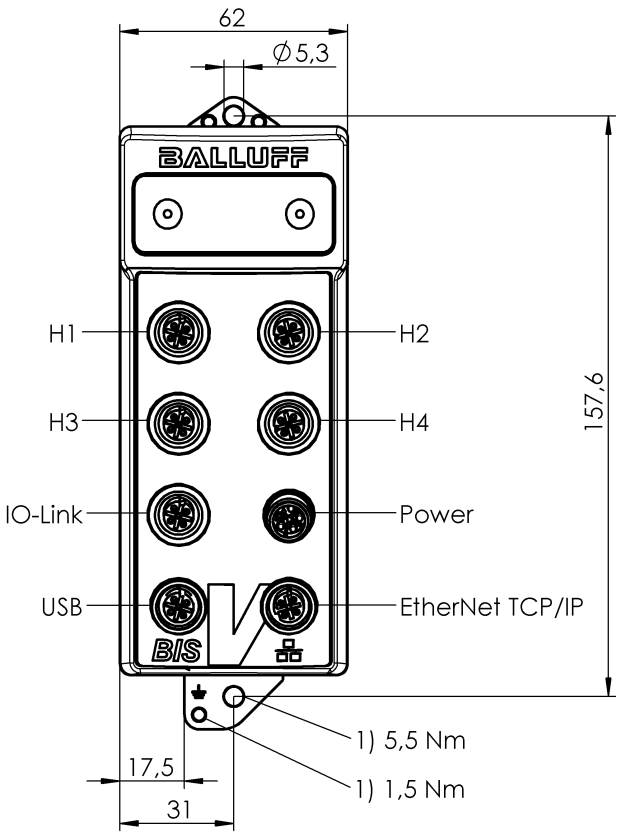
Multi-Frequency Processor

BIS V-6107-039-C107
Order Code: BIS01AC





1) Tightening torque

Basic features

Approval/Conformity	CE UKCA cULus WEEE
Principle of operation	Processor unit

Electrical connection

Connection (COM 1)	X1 (Ethernet TCP/IP): M12x1-Female, 4-pin, D-coded
Connection (COM 2)	USB: M12x1-Female, 5-pin, A-coded
Connection (IO-Link/Service)	M12x1-Female, 5-pin, A-coded
Connection (supply voltage IN)	M12x1-Male, 5-pin
Connection slots	H1: M12x1-Female, 5-pin H2: M12x1-Female, 5-pin H3: M12x1-Female, 5-pin H4: M12x1-Female, 5-pin
Connector port 01, note type	for all VU/VM/VL-3… with connector, 4-pin and C-3… with adapter

Electrical data

Current consumption typ. at 24 V DC	150 mA
IO-Link function	Master (max. 1700 mA)
Nominal voltage	24 VDC
Operating voltage Ub	24 V DC LPS Class 2
Residual ripple max.	10 %

Environmental conditions

Altitude max.	2000 m
Ambient temperature	0...60 °C
Area of operation	Indoor
Contamination scale	2
Continuous shock load	yes
EN 60068-2-27, Shock	yes
EN 60068-2-32 Free fall	yes
EN 60068-2-6, Vibration	yes
EN 61000-4-3 (1400...2000 MHz)	Severity level 3A
IP rating	IP65, with connector
Relative humidity	0…90 %, non-condensing

Interface

Auxiliary interfaces, number	1x IO-Link
IO-Link version	1.1
Interface	Ethernet TCP/IP USB

Material

Housing material	Zinc, Die casting

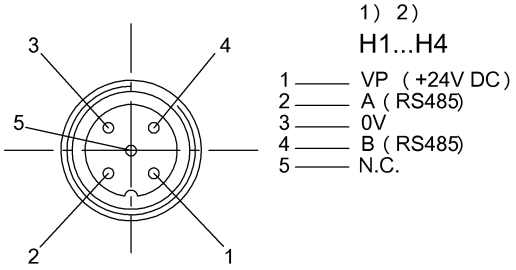
Mechanical data

Application weight	800.00 g
Dimension	48 x 62 x 172 mm

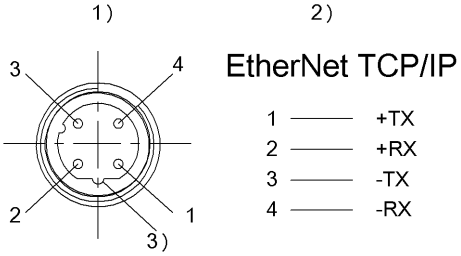
Remarks

When installing, the technical standards and regulations of the corresponding countries must be observed.
Values are under rated conditions unless otherwise specified.
Current consumption when 4 read/write heads and IO-Link device are connected to the IO-Link port max. 2 A
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.

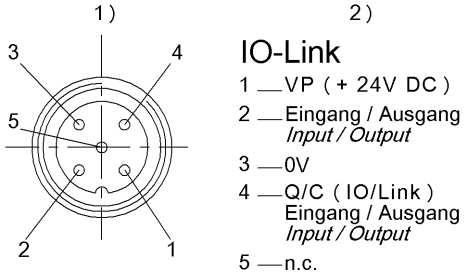
Connector Drawings



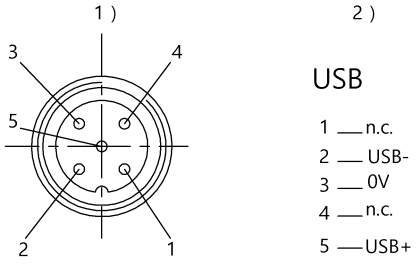
1) View towards connector
2) Female 5-pin/ Function



1) View towards connector
2) Female
3) Coding D



1) View towards connector
2) Female 5-pin/ Function



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