

1) Tightening torque



### Basic features

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

### Electrical connection

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

### Electrical data

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

### Environmental conditions

<b>Ambient temperature</b>	0...60 °C
<b>Continuous shock load</b>	yes
<b>EN 60068-2-27, Shock</b>	yes
<b>EN 60068-2-32 Free fall</b>	yes
<b>EN 60068-2-6, Vibration</b>	yes
<b>EN 61000-4-3 (1400...2000 MHz)</b>	Severity level 3A
<b>IP rating</b>	IP65, with connector

Multi-Frequency Processor  
BIS V-6107-039-C007  
Order Code: BIS01AA

**BALLUFF**

### Interface

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

### Material

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Housing material	Zinc, Die casting
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### Mechanical data

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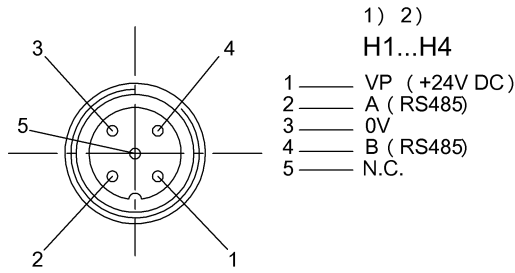
Application weight	800.00 g
Dimension	48 x 62 x 172 mm

### Remarks

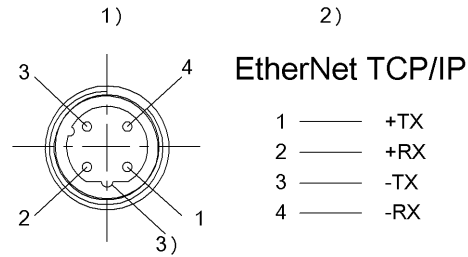
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When installing, the technical standards and regulations of the corresponding countries must be observed.  
Values are under rated conditions unless otherwise specified.  
Current consumption when 4 read/write heads and IO-Link device are connected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

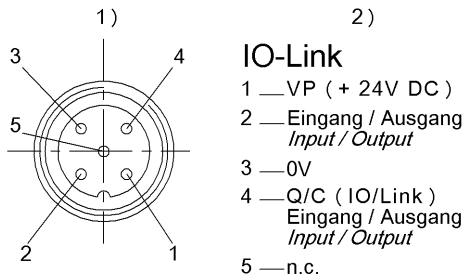
**Connector Drawings**



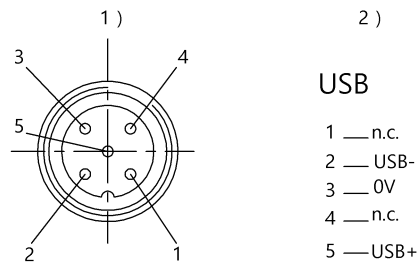
1) View towards connector  
 2) Female 5-pin/ Function



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



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



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

