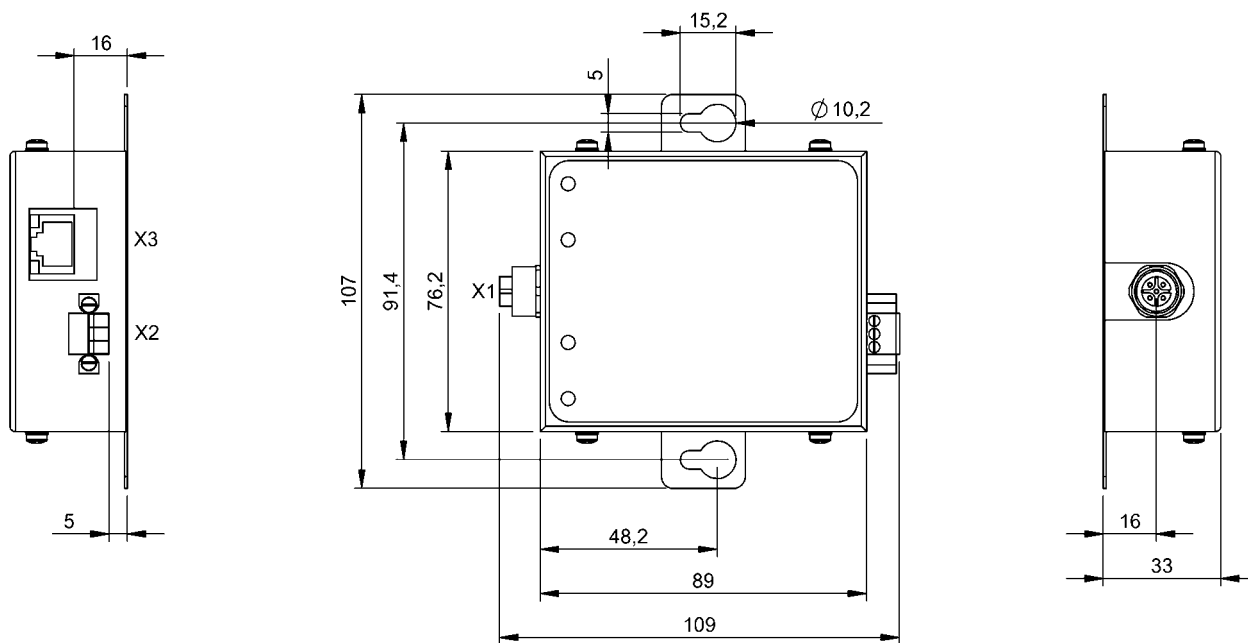


HF (13.56 MHz)  
**BIS Z-GW-001-IND**  
 Order Code: BAE00JJ

**BALLUFF**



### Basic features

<b>Approval/Conformity</b>	CE FCC Part 15 EAC WEEE
<b>EN 55011</b>	Size 1, Cl. A
<b>Principle of operation</b>	Communications module

### Display/Operation

<b>Function indicator</b>	Power (ON), LED green Error, LED red Ethernet, LED yellow Subnet 16 bus, LED yellow
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### Electrical connection

<b>Connection (COM 1)</b>	X3 (Ethernet): RJ45-Female
<b>Connection (supply voltage IN)</b>	X2 (for test purposes only):
<b>Connection slots</b>	X1 (Subnet 16/RS485/power supply): M12x1-Male, 5-pin

### Electrical data

<b>Current consumption max. at 24 V DC</b>	133 mA
<b>Operating voltage <math>U_b</math></b>	12...30 VDC
<b>Residual ripple max.</b>	10 %

### Environmental conditions

<b>Ambient temperature</b>	-20...50 °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>IP rating</b>	IP30
<b>Storage temperature</b>	-20...70 °C

### Material

<b>Housing material</b>	Aluminum, Die casting
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### Mechanical data

<b>Application weight</b>	260.00 g
<b>Dimension</b>	107 x 33 x 109 mm

HF (13.56 MHz)  
**BIS Z-GW-001-IND**  
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# BALLUFF

## Output/Interface

Auxiliary interfaces Subnet 16 (RS485)

## Baud rate

10 MBaud  
100 MBaud

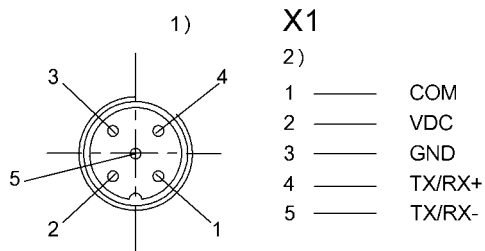
## Interface

Industrial Ethernet / MODBUS  
TCP

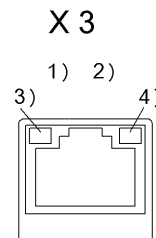
## Remarks

Values are under rated conditions unless otherwise specified.

### Connector Drawings



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



- 1) View towards connector
- 2) Female RJ45
- 3) Ethernet Link, LED yellow
- 4) Ethernet Traffic, LED green