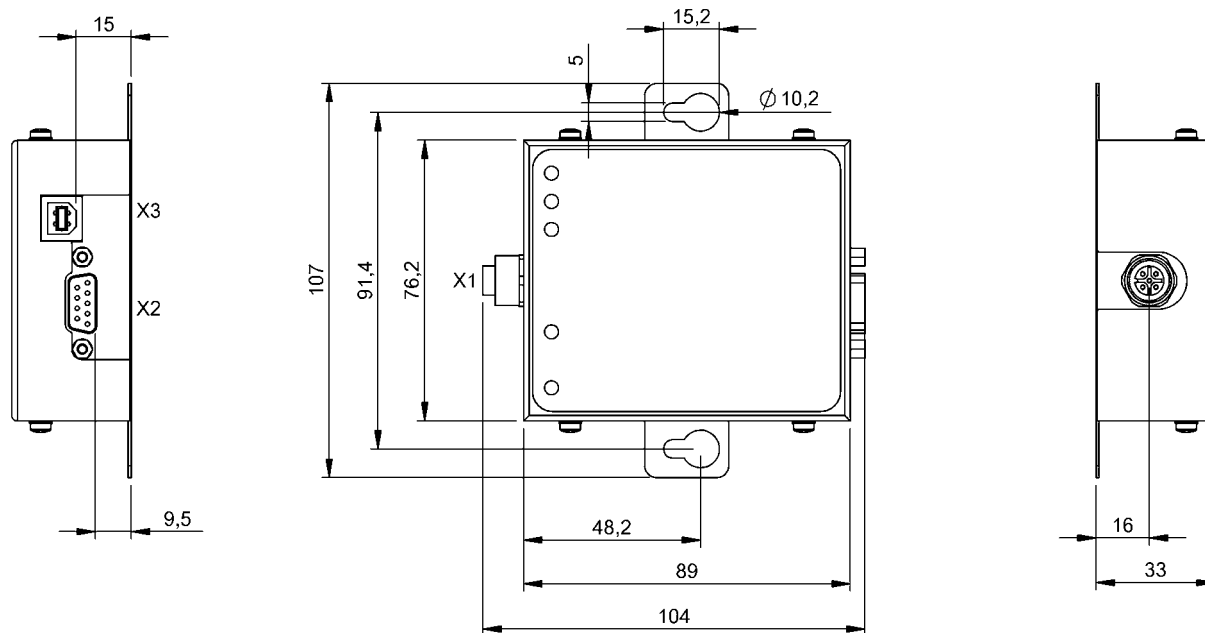


HF (13.56 MHz)  
**BIS Z-GW-001-PBS**  
 Order Code: BAE00JK

**BALLUFF**



### Basic features

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

### Display/Operation

|                    |                                                                                                                                        |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| Function indicator | Error, LED red<br>Profibus Status, LED green/red<br>Profibus Mode, LED green/red<br>Subnet 16 bus, LED yellow<br>Power (ON), LED green |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------|

### Electrical connection

|                      |                                                      |
|----------------------|------------------------------------------------------|
| Connection (COM 1)   | X2 (Profibus): D-Sub, 9-pin                          |
| Connection (Service) | USB-B-Female                                         |
| Connection slots     | X1 (Subnet 16/RS485/power supply): M12x1-Male, 5-pin |

### Electrical data

|                                     |             |
|-------------------------------------|-------------|
| Current consumption max. at 24 V DC | 133 mA      |
| Operating voltage $U_b$             | 12...30 VDC |
| Residual ripple max.                | 10 %        |

### Environmental conditions

|                         |             |
|-------------------------|-------------|
| Ambient temperature     | -20...50 °C |
| Continuous shock load   | yes         |
| EN 60068-2-27, Shock    | yes         |
| EN 60068-2-32 Free fall | yes         |
| EN 60068-2-6, Vibration | yes         |
| IP rating               | IP30        |
| Storage temperature     | -20...70 °C |

### Material

|                  |                       |
|------------------|-----------------------|
| Housing material | Aluminum, Die casting |
|------------------|-----------------------|

### Mechanical data

|                    |                   |
|--------------------|-------------------|
| Application weight | 260.00 g          |
| Dimension          | 107 x 33 x 104 mm |

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**Output/Interface**

**Auxiliary interfaces** Subnet 16 (RS485)

**Baud rate**

- 9.6 kBaud
- 19.2 kBaud
- 38.4 kBaud
- 57.6 kBaud
- 115.2 kBaud

**Interface**

- Profibus DP Slave
- USB 2.0 galvanically isolated

**Remarks**

Values are under rated conditions unless otherwise specified.

**Connector Drawings**

