BTA-100 Bluetooth to 4-20mA Transmitter

The BTA-100 is a remote Bluetooth receiver designed for use with the Pyxis LS-202 Bluetooth Level Sensor and CR-200 LPR Bluetooth Corrosion Sensor. This device is a single channel Bluetooth receiver, with local display of its connected device and conversion to one 4-20mA/RS485 output connectable to any controller, PLC or network system.   The BTA-100 can be easily configured to connect to its host device in "Observer or Central Mode" and will receive signal within 30-50ft line of site.   Once connected, the BTA-100 will provide a live display of the data from its host device and convert that data to an analog or digital signal output via wire for use with an alternate device.   This feature is designed to allow for rapid installation of Pyxis devices without the need for wiring or conduit, enabling true wireless data transfer to a base controller or network. One BTA-100 is required for each host device.   The BTA-100 is powered by 24V/1W.   It is provided with a 5ft cable for direct connection to a controller, PLC or network.   BTA-100 is Class I Div II and CE certified.

Typical Applications

The BTA-100 is commonly used for wireless connection to the LS-202 Bluetooth enabled ultrasonic tank level sensor and CR-200 Bluetooth enabled LPR corrosion rate sensor.   It offers a rapid and low-cost method of transmitting data without the need for wiring or conduit run.

Specifications

Item	Parameter
Power	24V, 1W
Bluetooth Distance	32 ft. (10 meters), line of sight
Operation Temperature	14 - 122 °F (-10 - 50 °C)
Storage Temperature	-4 - 158 °F (-20 - 70 °C)
Display	240 x 160 DPI, OLED display
Output	4-20 mA
Dimension	3.15 inch (80 mm) diameter, 2 inch (51 mm) height
Weight	0.5 pounds (230 grams)
Cable Length	5 feet, terminated with IP67 connectors

Ordering Information

BTA-100   P/N: 50729

BTA-100 Wall Bracket   P/N: 50753