

LG-100

LoRa to RS-485/4-20mA Converter

Product Description

The Pyxis LG-100 is used to receive signal via LoRa and convert it to RS-485 Modbus or 4-20mA output. The LG-100 can be wirelessly configured via the Pyxis **uPyxis**® app to enable rapid integration and deployment in the field. Powered by a 24 VDC external power supply, LG-100 is ideal for use with LG-50 to eliminate the cable layout for remote controllers, PLC or DCS systems.



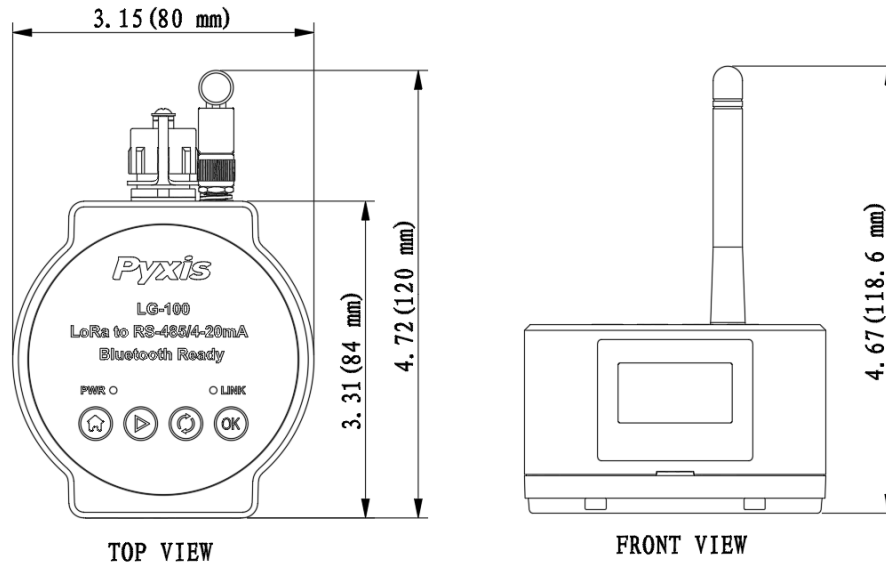
LG-100

Specifications

| Specification | LG-100 |
|-------------------------|--|
| Part Number (P/N) | 28903 |
| Power Supply | 24 VDC, 1W Max |
| Bluetooth® Connectivity | Bluetooth 5.0® 4.1, 32 ft. (10 Meters) Line of Sight for use with uPyxis® |
| Radio input | Long Range Radio (LoRa) |
| Wired Output | 1x 4-20mA / RS-485 MODBUS |
| Output Cable | Waterproof 7-Pin (10ft / 3m) Cable with Adapter & Flying Lead |
| Extension Cable | Waterproof Extension Cables Sold Separately |
| Installation | Wall Mounting Bracket |
| Dimension | Height: 4.67 inch (118.6 mm); Length: 4.72 inch (120 mm); Width: 3.15 inch (80 mm) |
| Enclosure Material | Polybutylene Terephthalate (PBT), Polycarbonate (PC) |
| Ambient Temperature | 5 - 122 °F (-15 - 50 °C) |
| Storage Temperature | -4 - 140 °F (-20 - 60 °C) |
| Pressure | -29 - 58 PSI (-0.2 - 0.4 MPa) |
| Enclosure Rating | IP66 |
| Display | 1.3" OLED display |
| Regulation | UL / CE / UKCA / RoHS |

**With Pyxis' continuous improvement policy, this specification is subject to change without notice.*

Dimension



Ordering Information

LG-100 (includes 10-foot Flying Lead Cable w/Adapter)

P/N

28903

Accessories

MA-AC-7US (110VAC-24VDC Power Supply Adapter – 7Pin Waterproof – USA Plug)

MA-AC-7EU (230VAC-24VDC Power Supply Adapter – 7Pin Waterproof – EU/Din Plug)

Waterproof 10' Flying Lead Cable w/Adapter

25' Waterproof Extension Cable

50' Waterproof Extension Cable

100' Waterproof Extension Cable

P/N

26398

28787

MA-L10

MA-L25

MA-L50

MA-L100