



FEATURES AND BENEFITS

Promotes Communication

- Converts 4-20 mA data into RS-422/485
- Allows 20 devices to be connected to a single input box
- Each data stream is addressed and communicated uniquely

All Devices Are Visible

- The ORB remote inventory management system can obtain and monitor information for any device at a location

Integrate Data

- All available data points are accessible locally and remotely

Reduce Local Site Maintenance

- Eliminate routine and manual reporting of sensors and measuring devices

The ORB™ 4-20 mA Input Box promotes communication from the 4-20 mA devices and transforms the data to a serial RS-422/485 communication for interfacing with other instruments and management equipment. The 4-20 mA Input Box enhances the communication ability of all the measuring and weighing devices as well as other devices such as temperature and moisture sensors.

HOW TO ORDER

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|----------------|---|
| ORB 420-01-B | 4-20 mA Input Box for ORB 2.2; Includes (1) 4-Channel Input Boards, (1) Power Supply, (1) Enclosure with Expansion Room for 3 Additional Input Boards |
| ORB 420-02-B | 4-20 mA Input Box for ORB 2.2; Includes (2) 4-Channel Input Boards, (1) Power Supply, (1) Enclosure with Expansion Room for 2 Additional Input Boards |
| ORB 420-03-B | 4-20 mA Input Box for ORB 2.2; Includes (3) 4-Channel Input Board, (1) Power Supply, (1) Enclosure with Expansion Room for 1 Additional Input Board |
| ORB 420-04-B | 4-20 mA Input Box for ORB 2.2; Includes (4) 4-Channel Input Boards, (1) Power Supply, (1) Enclosure |
| SPK-ORB-420-01 | 4-Channel Input Board w/Mounting Hardware for ORB 2.2 |

SPECIFICATIONS

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|----------------|--|
| Power Supply | 120 VAC |
| Communication | RS-422/485 |
| Input | 4-20mA |
| Addressing | 8 position dip switches for binary addressing |
| Temperature | 0 to 120°F (-17° to 48° C) Operating -20 to 150°F (-20° to 65° C) Storage Humidity: 0 to 100% non-condensing |
| Enclosure Size | 6" x 8" x 10" |
| Board Size | 3" x 5" x 0.75" |
| Enclosure | NEMA-4X, Fiberglass Reinforced Plastic |

Mounting Additional 4-20 mA Input Modules

