KISTLER-MORSE
Measure of Success

Technical Specifications

4-20mA Input Box

The ORB™ 4-20mA Input Box promotes communication from the 4-20mA devices and transforms the data to a serial RS422/485 communication for interfacing with other instruments and management equipment. The 4-20mA Input Box enhances the communication ability of all the measuring and weighing devices as well as other devices such as temperature and moisture sensors.

FEATURES AND BENEFITS

Promotes Communication

- Converts 4-20mA 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

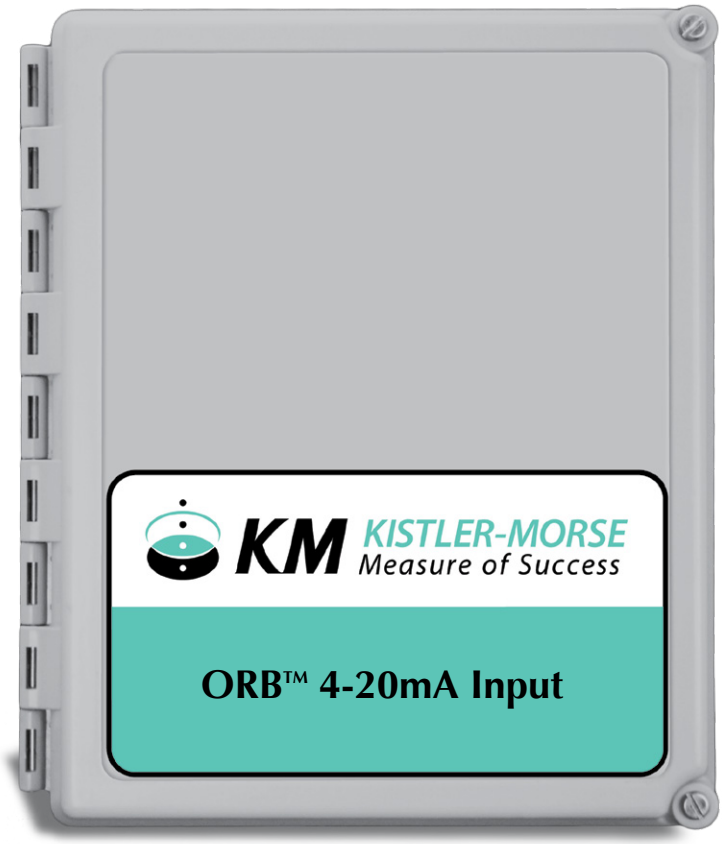
- The ORB remote inventory management system can obtain and monitor information for any device at a location

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



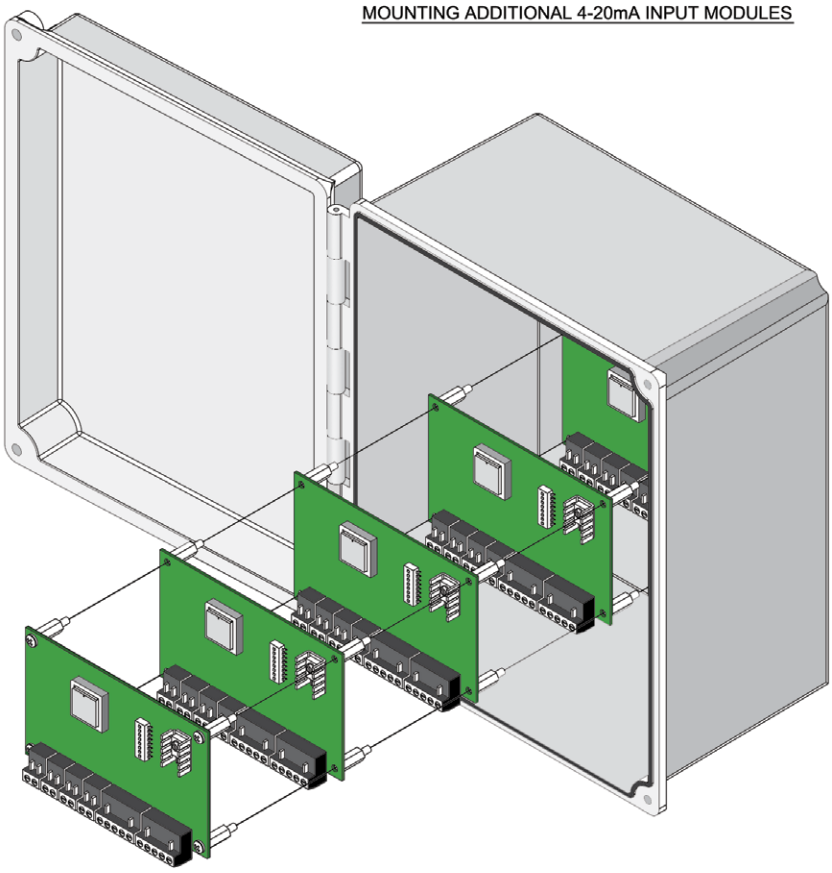
HOW TO ORDER

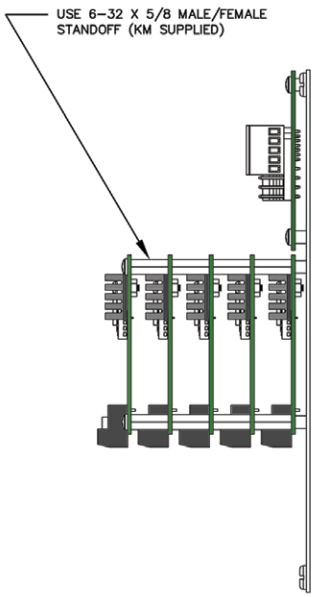
ORB™ 4-20 Kit	4-20mA Input Box which includes: NEMA 4X Enclosure, Power Supply for powering up to 5 boards, Single 4 Channel Board
ORB™ 4-20	Single 4 Channel Board, Mounting Hardware Up to 4 additional boards can be added per Input Box

SPECIFICATIONS

Power Supply	120 Volt AC
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 4-20mA INPUT MODULES





SIDE VIEW

venture MEASUREMENT

97-7004-02 Rev. A

2011 All rights reserved.
All data subject to change without notice.

KM is represented in your area by:

KM KISTLER-MORSE Measure of Success
150 Venture Boulevard · Spartanburg, SC 29306
Tel: (800) 426-9010
Fax: (864) 574-8063
Email: sales@kistlermorse.com
www.kistlermorse.com