CORDOVA FLOW CONTROLS
INNOVATION MEETS APPLICATION

RAD-I/O 1500
POINT TO POINT WIRE REPLACEMENT

DESCRIPTION:

The Cordova RAD-I/O 1500 wire replacement is the perfect economical solution to send a point to point signal across your facility's location instead of burying wire to do the job. Whether you have existing automation or no automation, RAD-I/Os can be used in a variety of ways to ensure proper monitoring and shut downs on your process locations. Simply provide 9-30VDC and your signal to be communicated to the preconfigured "SCOUT" and "BASE" RAD-I/O units, and your connection is complete. Install your "SCOUT" at the remote point your signal needs to be communicated and your "BASE" at the point the signal needs to be received on your location and the connection is made. No more "Line Locates" or trenching to secure your signal. The RAD-I/O 1500 can be factory configured for up to 7 digital inputs on the "SCOUT" and 7 digital outputs on the "BASE", but the most common configuration is the standard single I/O model.

Cordova's 2.4GHz RAD-I/Os require minimal power to operate and are paired from the factory so there is no need to field configure. If no automation or battery power is available for installation of the RAD-I/Os, optional solar and battery packages are available. Consult Cordova for your application and site assessment.

Even if your locations are without automation, Cordova's RAD-I/Os can help secure your operations when they are unattended by monitoring set points as well as shutting equipment in if alarm conditions are met!

APPLICATIONS:

- Production Tank Switches to PLC
- Compressor to PLC
- ECD(production tank combustor) to PLC
- High/Low Liquid Level Switches to PLC
- Production Tank Switches to Compressor
- VRU to PLC
- Remote Battery Status to PLC
- Ignition systems to PLC
- High/Low Temperature Switches to PLC
- PLC to Remote Valve Shut/Open

SPECIFICATIONS:

Electrical	
Power Input voltage	9 – 30VDC
Typical current consumption at 12V, no relay	35mA typical
Typical current consumption at 12V, relay active	55mA typical
Typical current consumption at 24V, no relay	20mA typical
Typical current consumption at 24V, relay active	40mA typical
Radio Frequency	2.4 GHz

Environmental	
Temperature	-40°F to +140°F (-40°C to +60°C)
Corrosion Protection	Circuit board conformal coating

LED Indication:

Red	Power on indicator
Green	Digital input indicator (High/On, Low/Off)
Yellow	Associated indicator, normally flashing, not used for normal RAD-I/O 1500 configuration.

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