

Modbus Valve Communication Terminals (VCTs)

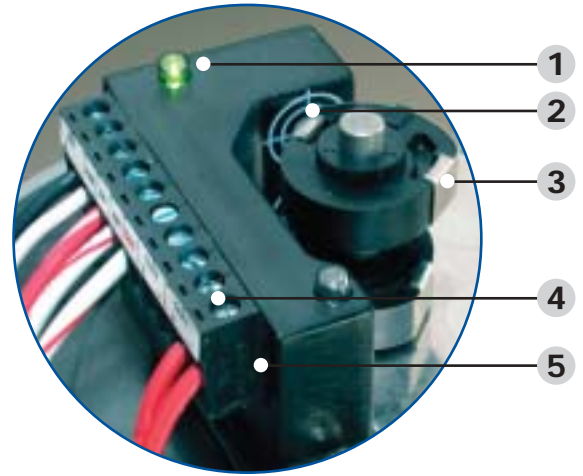
Cut costs by up to 40% over conventional installations by installing Modbus VCTs. Additional savings may be realized with improved space efficiency, less plant infrastructure and greater system flexibility.

StoneL VCTs offer the ultimate in reliability and cost effectiveness by integrating position sensors, communication electronics, power outputs and wire termination into a fully sealed package.



StoneL VCT's Feature Dual Module

- High Intensity LEDs Show Position Status**
Bright **Red** and **Green** LEDs correspond to Open and Closed Valve Position.
- Highest Reliability Sensors**
Solid state inductive proximity sensors are integrated into the module for the ultimate in reliability.
- Precision Triggering with Stainless Steel**
Sensors repeat within one degree with a two degree dead band.
- Integrated Terminal Strip Eliminates Wires**
By eliminating wires reliability and space efficiency are dramatically improved.
- Fully Epoxy Filled and Sealed**
Electronics are epoxy sealed to prevent contamination and make impervious to shock and vibration.



Modbus VCT System Benefits

- Interfaces readily into most DCS systems and software
- Install up to 32 devices on the same trunk network
- Long bus length of up to 1,200m (4,000 ft).
- Dramatically reduce wiring and installation costs

Modbus VCT Specifications

Configuration	(2) Discrete Inputs(Open & Closed) (2) Power Outputs (Solenoids) (1) 4 to 20mA Analog Input
Outputs Max. Power	4 Watts Both Outputs Combined

StoneL ValvePoint Platforms with Modbus



Eclipse

Nonincendive and General Purpose with Direct Namur Attachment



SolaR

General Purpose Polycarbonate Enclosure



Quartz

Explosion Proof/Flame Proof Epoxy Coated Aluminum Enclosure



Onyx

Nonincendive Polycarbonate Enclosure with Integral Pneumatics

ValvePoint™ Valve Monitoring and Communication Solutions



StoneL features a broad array of product platforms utilizing solid state sensor systems and standardized field proven communication protocols for your general purpose as well as your most restrictive hazardous areas. For your quarter-turn or linear automated valves operating in benign environments to high corrosive and/or submersible applications, StoneL has a specific product that will meet your requirements.



DeviceNet.

MODBUS

Profibus

c o n n e c t i n g t h e p r o c e s s



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