

Stonel solutions

Our technology features user-friendly devices that allow automated valves to be connected easily and reliably into the control system. Minimize total life cycle cost when implementing our proven, field-based digital communication technologies.



Valve controller for rotary applications

The **Stonel™ Axiom™** discrete valve controller can be ordered with multiple options to fulfill your requirements; standard solid state, network-enabled, and Stonel's Wireless Link

diagnostics and advanced capabilities. Each share most of the same components and functions. (AN/ANX series)



Valve controller for linear applications

The **Stonel™ Prism™** intelligent valve controller integrates an advanced position sensing system and integral pneumatic control for sanitary diaphragms and other linear

applications. Its intuitive operation means set up is easy and can be completed in only seconds. (PI series)



Limit switches for rotary applications

The **Stonel™ Eclipse™** limit switch is compact and modular with solid state reliability. It delivers many of the same features and benefits as the Stonel Axiom, with some exceptions. Options in this series are the solution of choice in applications and processes that require the solenoid to be mounted externally. (EC series)

The **Stonel™ Quartz™** limit switch is durable, corrosion resistant, and versatile. Options include explosionproof, nonincendive, and general purpose. This product fits most applications and processes that require the solenoid to be mounted externally. (QX/QC/QN/QG series)



Limit switches for point sensing

The **Stonel™ Hawkeye™** proximity sensor is for linear valve position sensing. It can be ordered in options to fulfill requirements that are nonincendive, intrinsically and explosionproof.

Use in process environments for gate and globe valves. (HK/HX series)



Process networking components

The **Stonel™ FieldLink™** networking components enable taking advantage of field-based communication technologies to cut installation and maintenance costs and improve operating performance.

The enclosures, drop connectors, I/O modules, gateways and other devices support networking protocols including AS-Interface, DeviceNet, Modbus, Profibus, FOUNDATION Fieldbus and more. (JX/FN series and accessories)

Stonel product mapping

	1/4-turn			Linear	
Specifications	Axiom	Eclipse	Quartz	Prism	Hawkeye
Non-contact solid state sensors with LEDs and 5 year warranty	•	•	•	•	HK
2-wire solid state sensors are both AC and DC compatible	•	•	•	•	•
PNP/NPN self calibration 3-wire unit, patented technology		•		•	
Universal voltage capability	•	•	•	•	•

Feedback "Input" options

On/off (Discrete Input = DI)	•	•	•	•	•
4-20mA (Analog Input = AI)			•	•	

Optional communication technology

AS-interface	versions 3 & 5	version 3	version 3	versions 3 & 5	Specialty application module
DeviceNet™	•	EN & EG	•	•	
IO-Link		•		•	

Diagnostics available as an option	•	•		•	
Red/green LEDs are coordinated with red/green mechanical visual indicator (Prism; green only)	•	•	•	•	
Push button calibration and wireless calibration option	•	•		•	
Integral solenoid	Standard			Optional	
Rebreather (prevents ingestion of contaminated air into actuator)	•				

Control "Output" options

On/off (Discrete Output = DO)	•	•	•	Optional	
4-20mA (Analog Output = AO)			Optional	Optional	

General purpose and Division 2 (nonincendive) standard; Division 1 (I.S.) optional	•	•	•	•	•
Pin-connector options (not viable in CID1 XP applications)	AN only	•		•	
NPT conduit options	•	•	•	•	•
Screw on cover allows quicker access for maintenance needs; no special tools required	•	•	•	•	
Anodized aluminum with low copper content materials and stainless steel hardware	•		•		
Stainless steel enclosure and hardware	ANX only		•		HX
Polycarbonate materials with stainless steel hardware		•		•	HK
5 year bumper to bumper warranty (includes solenoid and mounting hardware)	•				



Valmet's professionals
around the world work close
to our customers and are
committed to moving our
customers' performance
forward – every day.

Valmet Flow Control Oy

Vanha Porvoontie 229
01380 Vantaa, Finland
flowcontrol@valmet.com
+358 10 417 5000
valmet.com/flowcontrol

Valmet Flow Control Inc.

26271 US Hwy 59
Fergus Falls, MN 56537, USA
sales.stonel@valmet.com
+1 218 739 5774



For more information,
valmet.com/flowcontrol/stonel

