



Electronic Super Valve: An all-in-one solution for power, information and control

Discover the advantages of a Cla-Val electronic control valve with integral metering and power:

- As a package, the **CRD-34 Electronic Pilot Control**, **X144 e-FlowMeter** and **X143IP Power Generator** combine to create an ultra-efficient means to achieve remote control and provide access to flow data, without the need for an external power source
- All three IP-68 submersible components can be easily retrofitted to an existing Cla-Val Automatic Control Valve
- The CRD-34 Electronic Pressure Reducing Pilot Control is installed on a Cla-Val Automatic Control Valve to maintain accurate downstream pressure while allowing set points to be changed remotely
- The e-FlowMeter is accurate to within 2% of full scale and alleviates the need for an external meter with the associated installation costs
- The low power requirements of the X144 e-FlowMeter and the CRD-34 are reliably met using the X143IP Power Generator



The CRD-34 Electronic Pilot Control provides optimum remote control of a Cla-Val Pressure Reducing Valve, using an analog 4-20mA command signal from any SCADA-type control system.



The self-contained X144 e-FlowMeter can be installed in the inlet tappings on either side of a Cla-Val Automatic Control Valve to provide accurate flow measurement.



The compact X143IP is installed in the pilot system of a Cla-Val Automatic Control Valve and uses the hydraulic energy in the pipeline to produce enough power to operate the e-FlowMeter and the CRD-34 Pilot Control.

The Cla-Val Model 390 Series Electronic Pressure Reducing Valve equipped with the X144 e-FlowMeter and X143IP Power Generator is an ideal solution for water system operators looking for highly accurate flow data, precise control and a reliable means to operate without external power.



To learn more about this and other Cla-Val Electronic Products, log onto www.cla-val.com