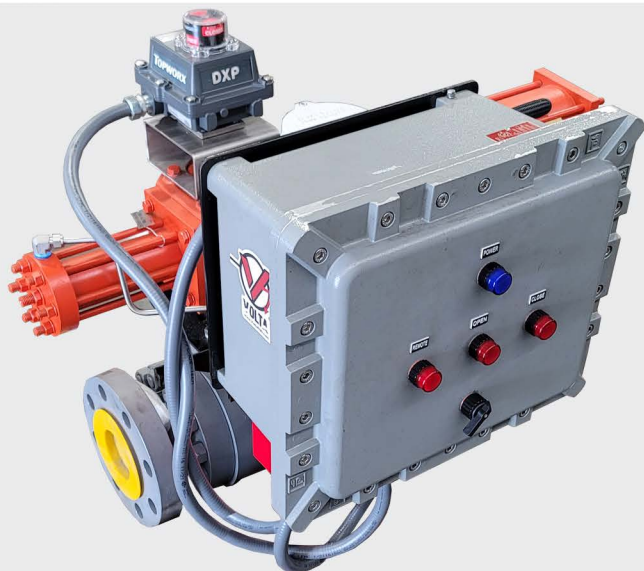


-Lite

Surface Safety Valve (ESD) Control System



The Volta-Lite is a self-contained electro-hydraulic control system designed to operate your SSV / ESD Valve.

This compact unit mounts directly with no tubing required, for a quick and easy installation or remote mount.



Control Logic

The microcontroller is programmed to autonomously operate the SSV/ESD based on high / low set pressures or line break and holds a SIL2 Certification.



Hydraulics

Simplified manifold design with the only external connection between the Actuator and Manifold. Improved manifold layout provides immediate response time.



User Interface

Simple and intuitive local controls through a selector (AUTOMATIC-CLOSE-OPEN). The system offers optional modules for a variety of functionality and system flexibility.

Volta-Lite: ZONE SUITABLE - Class 1, Division 1, Zone 1

OUTSIDE HAZARDOUS AREA



Control &
Configuration
App



Solar Panel
(optional)



Batteries

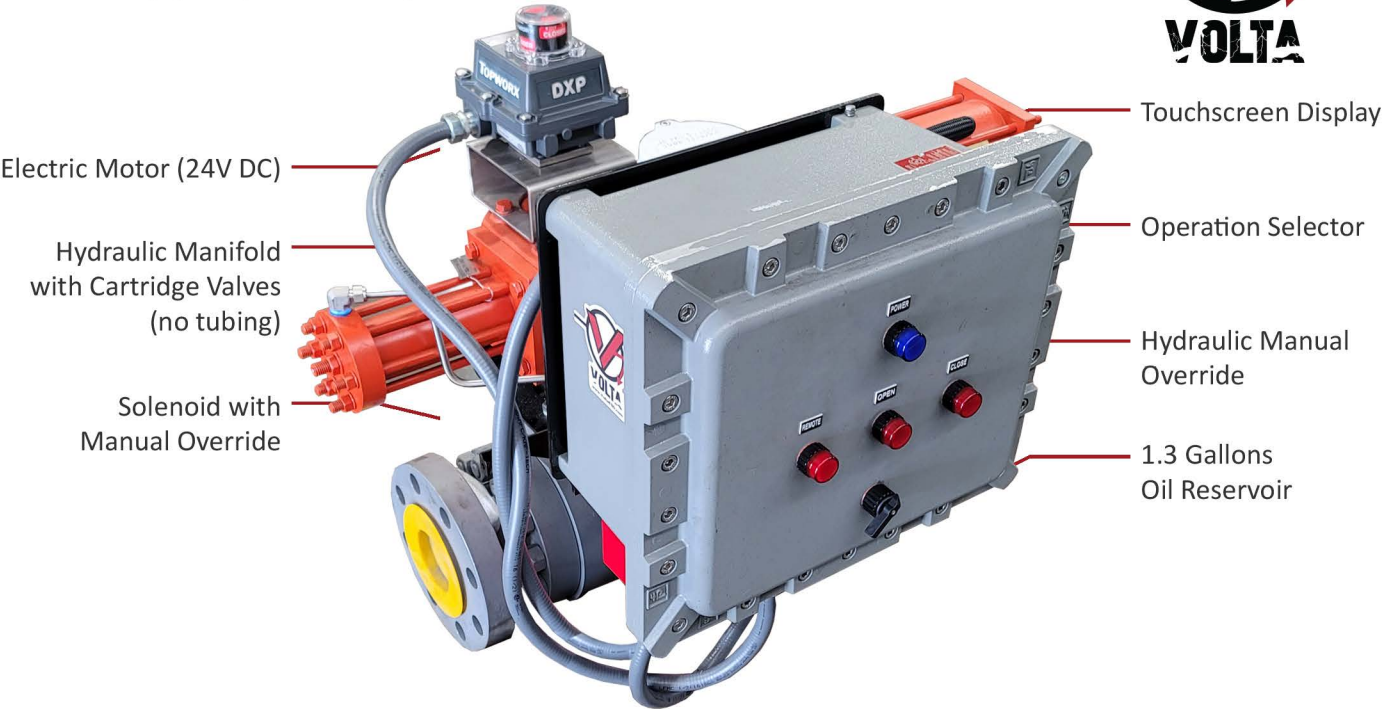


24v 110v Converter

Communication



Surface Safety (ESD) Control System



Telemetry Options	Monitoring Options	Power Options
SCADA	Well Pressure	12V, 24V, 110V
ModBus RS485	Line Pressure	Solar Energy
Volta Telemetry Pack (Agnostic SIM)	Position Indicator	
	Oil Level	
	Fire Sensor	

ADVANTAGES

- Fully Autonomous
- Compact Design with Easy Mount Bracket
- Fast-Acting Pump
- Manual Hydraulic Backup
- Partial Stroke Test
- Auto-Compensates for Pressure Loss
- Shut-in on loss of power

SPECIFICATIONS	
Hydraulic Actuator	Single Acting, Variable Pressure Set Point (3000psi max, up to .60 gal./min)
Available Input Sensors	2 analog and 3 digital (intrinsically safe Ex "I")
Remote Monitoring and Control	Connection with SCADA through RS-485
Digital Tools	Cloud Based Digital Management available through mSuite System
Power Options	- 110 VAC @ 8 Amp Converter - 24 Vdc @ 38 Amp - 100 Watts Solar Panel
Ambient Operating Temperature	-4 to +140°F
Weight	110 lbs.
General	Class 1, Division 1 / Zone 1 IP65
SIL	SIL2 Certificate

FOR MORE INFORMATION:

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