Schlumberger

CMP-756

Remote control liquid additive system

APPLICATIONS

- Meters liquid additives for cement slurry blending

ADVANTAGES

- Ability to meter up to six different additives simultaneously or in sequence with high accuracy
- A programmable logic controller (PLC) that enables the operator to remotely control the CMP-756 from a human-machine interface (HMI) computer in a safer area
- Remotely actuated high- and low-rate pneumatic valves
- Zone 2 hazardous area compliant
- Used in conjunction with the CMP-355 pump rack and proportioning tanks

The CMP-756 remote control liquid additive system meters liquid additives for cement slurry blending. Up to six different additives can be metered simultaneously or in sequence with high accuracy. Electromagnetic flowmeters measure the additive quantities, and preset amounts are metered into the displacement tanks by remote control.

In combination with proportioning tanks, the CMP-756 provides all the advantages of process control. A manual override is available as backup.

CMP-756 remote control liquid additive system.

CMP-756 Specifications

	4 Line	6 Line
General		
Length	Doors closed: 5 ft 8 in [1.725 m] Doors open: 6 ft 3 in [1.893 m]	Doors closed: 8 ft 4in [2.533 m]; Doors open: 9 ft [2.733 m]
Width	Doors closed: 2 ft [0.600 m] Doors open: 3 ft 1 in [0.940 m]	Doors closed: 2 ft [0.600 m] Doors open: 3 ft 4 in [1.000 m]
Height	3 ft 7 in [1.086 m]	3 ft 7 in [1.086 m]
Weight	719 lbm [326 kg]	937 lbm [425 kg]
Flowmeters	Electromagnetic	Electromagnetic
Application	Conductive liquids: 4 × 2-in lines (up to 8 maximum)	Conductive liquids: 5 × 2-in lines
Flowmeters	–	Coriolis mass
Application	–	Nonconductive liquids: 1 × 2-in line
Accuracy	2% for a 50-L volume	2% for a 50-L volume
Electrical supply	24 VDC	24 VDC
Air supply	70 to 115 psi [0.48 to 0.79 MPa]	70 to 115 psi [0.48 to 0.79 MPa]
Maximum	150 psi [1 MPa]	150 psi [1 MPa]
Metering Tanks		
Material	Polyester	Polyester
Certifications	Zone 2 hazardous area compliant II 3G Ex nA ib op is [ib] IIB/IIC T4 - ENC 10	