



Event Diversion Systems

Component Specification

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COMPONENT DESCRIPTION

2" Full Port PVC Socket Double Union End Electrically Automated Ball Valve, with 100 feet of conductor cable - This is a single valve that allows or blocks access to a specific drain. This Electrically automated diverter valve is equipped with an IP68 water proof cord gland and water proof cable to power and control the automated valve.

MANUFACTURER

Altitude Systems, LLC
(714) 880-9992
5192 Bolsa Avenue Suite 6
Huntington Beach, CA 92649

WARRANTY

1 Year Limited

PHOTOGRAPH



DIMENSIONS

TOTAL MAX 8" Long X 5" Wide X 12" High X 10LBS

MATERIALS OF CONSTRUCTION

Valve - Body PVC, Stem O-ring EPDM, Stem PVC, Ball PVC, Seat Seal PTFE, Carrier O-ring EPDM, Seat Carrier PVC, Union O-ring EPDM, End connector PVC, Union nut PVC

Actuator – Die cast Aluminum housing - Alloy steel with heat treated gear driving unit

CABLE GLAND

1/2" NPT Nylon moisture resistant IP68 strain relief - For 0.62" max diameter cord



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CABLE

100 Feet long X 0.60 O.D. SOOW 18 AWG 10 conductor cable stranded fully annealed copper, Jacket Black, Conductor colors 1- Black 1- White 1- Red 1- Green 1- Orange 1- Blue 1- White/Black 1- Red/Black 1- Green/Black 1- Orange/Black Jacket temperature range -40 +90C High Resistance to UV, Oil and Moisture - 600 Volts

MOUNTING/END CONFIGURATION

Valve - Double union PVC Female socket Actuator – ISO 5211 adapted

ELECTRICAL

Actuator – Power Supply 110 VAC +or- 10% @ 60 Hz, 0.65 Amps, 30% duty rating, 2 sets of limit switches, 1 for control, the second for independent end of travel indication, internal anti-condensation heater, Built-in auto reset thermal overload protection

MECHANICAL

Valve – 90 degree Full port ball type valve with double union end connections, 150 PSI rating at 23 degrees C, Adjustable seat tightness, Actuator – Integral worm gear and drive shaft, Detachable crank handle manual override, 90 degree operation at 30 seconds - Ambient temperature -30 degrees C to + 60 degrees C, Mechanical stoppers in both directions

CERTIFICATIONS

Actuator – ISO 5211, CE, IP68 Valve - ANSI
Cable – UL subject 62, CSA C-22.2-49, MSHA, ROHS, ASTM B-174, Water Resistant. Abrasion Resistant, Oil & Solvent Resistant, Ozone Resistant, Ozone Sunlight (UV) & Weather Resistant
Cord Gland - ROHS, IP68 (certified 3 meters for 48 hours)

SPECIAL NOTES

Valve and actuator are adapted together with a stainless steel bracket and hardware. The actuator comes pre-wired pre-tested and sealed. The whole system comes completely pre-configured and pre-tested with all system components.
Mounting Direction – Any Direction
The actuator is certified for temporary submersion