



### **AP275-705C1D1** Combination Strobe Light and Alarm Horn for Safety Stations, with Remote Sensing Flow Switch Assembly, Designed For Class 1, Division 1 Environment

**Application:** Combination strobe light and alarm horn unit for safety stations. Strobe light activates and alarm horn sounds loudly when eyewash or shower is activated. For use in Class I, Division 1 hazardous environments where flammable liquids or gasses are present during normal operating conditions. Furnished with additional contacts for connection to remote monitoring system.

**Hazardous Environment:** Unit is designed for Class 1, Division 1 hazardous environments where flammable liquids or gasses are present during normal operating conditions.

**Installation:** Unit is designed for use with combination safety stations, and can be mounted on either the vertical pipe of the station or on a wall adjacent to the unit. 120 volt, 0.28 amp electrical supply is required.

**Visual Signal:** Explosion-proof amber strobe light with shatter-resistant lens. Peak candlepower of 2,000,000 and flash rate of 60 FPM.

**Audible Signal:** Explosion-proof horn delivers distinctive, urgent signal. Volume is preset at 103 db at 10 feet. An adjustment screw on the front of horn allows adjustment of output sound level.

**Flow Switch:** 1-1/4" IPS double pole, double throw waterproof flow switch for installation in water supply line to emergency unit. Switch senses flow of water when either the eyewash or shower is activated. Additional contacts send electrical signal to remote monitoring location. Flow switch must be installed with tee fitting in horizontal position, flow switch body in vertical position and at least 6" from closest fitting. Direction of flow is marked on switch body.

**Mounting:** Furnished complete with brackets for mounting on vertical pipe or wall and junction box. All wiring for C1D1 alarms is to be done in the field and must use approved conduits.

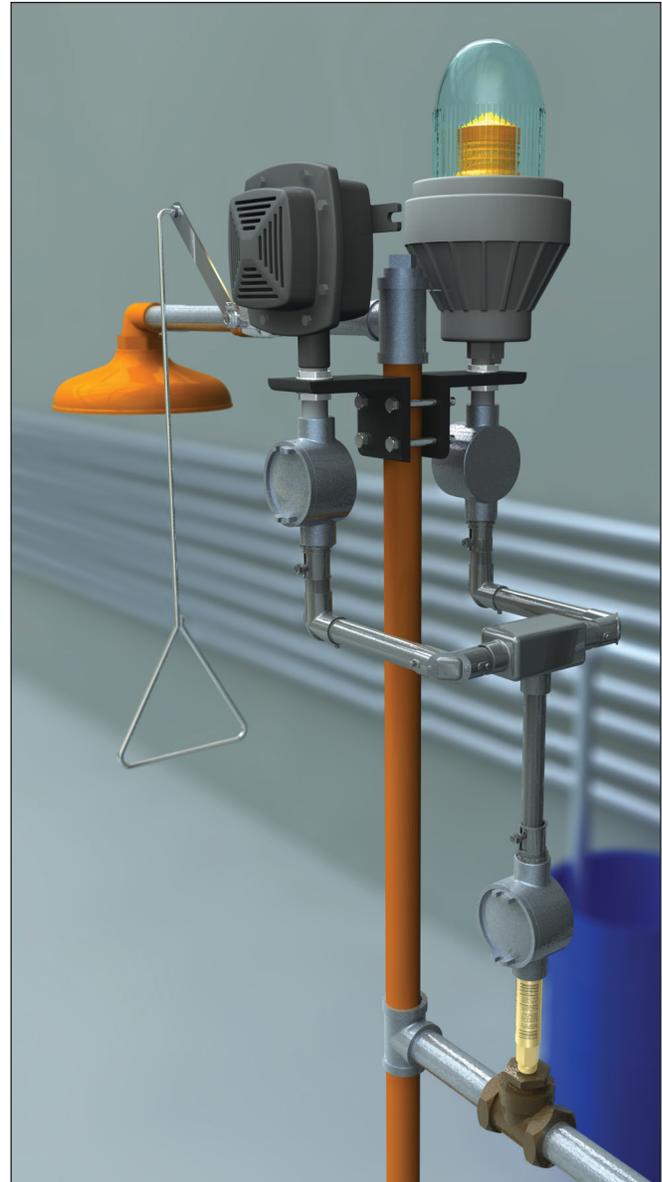
**Quality Assurance:** All components are factory tested prior to shipment.

#### Available Option

**SW** Silencing switch for alarm horn.

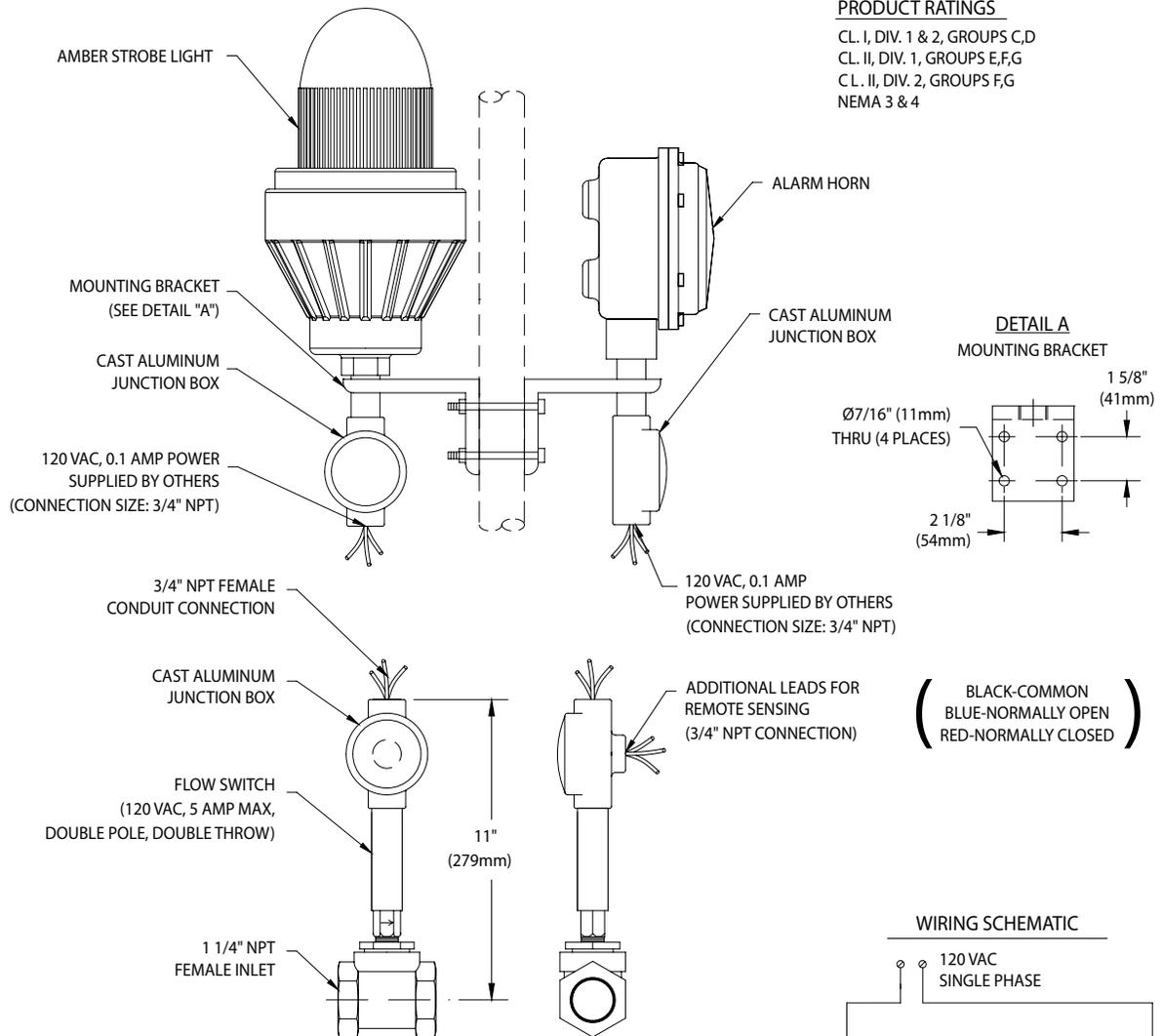
#### Additional Model

**AP275-700C1D1** Same as above except with single pole, double throw flow switch for activating local alarm only.





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**NOTES:**

1. FLOW SWITCH IS DESIGNED TO ACTIVATE AT 0.75 GPM AND DEACTIVATE AT 0.60 GPM.
2. FLOW SWITCH MUST BE INSTALLED VERTICALLY IN A HORIZONTAL PIPE RUN, UPSTREAM OF UNIT AND AT LEAST 6" FROM FITTING.
3. SOUND OUTPUT ON HORN IS ADJUSTABLE FROM 0 TO 100 dB AT 10 FT.
4. DESIGNED FOR USE IN A CLASS 1, DIVISION 1 ENVIRONMENT.
5. ALL THREADED ELECTRICAL CONNECTIONS MUST HAVE HAZARDOUS LOCATION RATED SEALANT APPLIED TO THREADS.
6. WIRING FOR C1D1 ALARMS DONE IN THE FIELD, APPROVED CONDUITS MUST BE USED TO MEET C1D1 REQUIREMENTS.
7. WIRING BETWEEN COMPONENTS PROVIDED BY OTHERS.

THIS SPACE FOR ARCHITECT/ENGINEER APPROVAL

Due to continuing product improvement, the information contained in this document is subject to change without notice. All dimensions are ± 1/4" (6mm). rev. 110118