

Alarm Annunciators

One, Two, Four and Eight-Point Model 8AE

Scott™ brand annunciators provide a simple, compact, easy-to-use method of operator alert. They are typically used in combination with pressure switches or pressure switch gauges to alert an operator when the pressure inside a vessel has fallen below a desired set point. The unit is configured to operate with either normally open or normally closed contact; the annunciator emits both audible and visual alarms when the pressure indicator is activated. Our 1-point annunciator is designed for use with either a single regulator or single point contact. Our 2-point annunciator can be used with a changeover system that utilizes pressure switch gauges to simultaneously monitor the status of a right and left bank of cylinders. Our 4-point and 8-point annunciators enable four or eight individual pressure indicators to be associated with a single system.

The Scott brand annunciator contains a set of relay contacts for use with any device that can be activated by opening or closing a switch; for example a light, external alarm or an automated telephone dialer.

Benefits/Features

- Reduces labor costs by eliminating the frequent need to manually check gas pressure
- Eliminates down time by alerting the operator prior to depletion of the gas supply
- Continuously monitors gas status
- Operates with either normally open or normally closed pressure switch contacts
- Reset button suppresses audible alarm
- Dry output contact for external device interface

Specifications

1 and 2-Point Annunciators

Power Supply: AC adapter, 120 VAC primary, 15 VDC secondary

Alarms:
Audible: 80 – 95 db

Visual: Green LED indicates power on and normal condition, red LED indicates low pressure (empty bank) condition

Enclosure: ABS plastic in a NEMA 1 adhesive-mounted housing – intended for indoor use only

Connections:

Input Connector: 6-pin male connector
Relay Output Connector: 4-pin male connector* (see note below)
Relay Contact: Single pole, double throw (SPDT)
Relay Contact Rating: 1A @ 24 VDC
Interconnecting Input Cable: 3' with 6-pin female connector and flying lead ends

Dimensions: 3.25"W x 6"H x 1.75"D

Weight: 0.5 lbs. (0.23 kg)

* Note: A 4-pin female cable cord connector is supplied. Soldering to customer supplied cable is required.



4 and 8-Point Annunciators

Power Requirements: 85 – 265 VAC, 50/60 Hz, hard-wiring required

Operating Temperature:
-40°F to 149°F (-40°C to 65°C)

Alarms:

Audible: 85 db internal horn
Visual: (Qty. 4 or 8) red LED channel/point indicators next to each alarm point message
Alarm Messages: Custom printed adhesive clear labels

Push Buttons: Silence, acknowledge, reset

Enclosures:

Electronic Enclosure (mounted inside wall-mount enclosure): 1/8 DIN, high-impact plastic UL 94V-0 (Type 4X, NEMA 4X front face)
Wall-Mounted Enclosure: 14-gauge steel, NEMA 12 and 13 rating

Connections: Removable screw terminal blocks for 12 to 22 AWG wire

Input connector: NO or NC switches, no external excitation required

Relays: Two (2) SPDT relays for alarm activated devices

Relay Rating: Two (2) SPDT (Form C); rated 3A @30 VDC or 3A @250 VAC resistant load

Dimensions: 7.25"W x 9.50"H x 6.5"D

Weight: 8 lbs. (3.6 kg)

Model Number	Description
Q8AE31ASSY	1-Point Annunciator
Q8AE32ASSY	2-Point Annunciator
Q8AE34ASSY	4-Point Annunciator
Q8AE381ASSY	8-Point Annunciator

Options: 8AECABLE3 3' interconnecting input cable with 6-pin connectors for use with factory-wired regulator and changeover system.