

StatusChecker

Description: The Airgas StatusChecker™ provides a cost-effective solution for monitoring a variety of data related to laboratory gas and cryogenic liquid supply. The system provides constant status of your gas supply using your computer network, as well as automatically emailing notifications to up to 10 email addresses that the pressure in your gas supply has dropped below the reorder point. The StatusChecker can also be used to monitor any dry contact, such as a freezer door, and provide notification when the contact is opened or closed, depending on how you configure the setting.

The StatusChecker also gives you an option that allows you to set up a wallpaper status bar on your computer that gives you a visual indication of the eight monitoring points. Status bars display green when not in alarm status and will change to red when the contact goes into alarm.

The unit comes preprogrammed with a self-executing software for easy installation. The user is prompted to input names for the eight contacts, as well as the email addresses, along with a preprogrammed wav file that gives an audio/vocal alarm when one of the contacts goes into alarm. The wav file can be easily replaced by a user-recorded wav file for a specific audio alarm alert.

When the StatusChecker is monitoring your gas supply and the pressure drops below the set pressure on the indicating pressure switch, a wav file is launched and a verbal message is given telling you the supply pressure is at the reorder point. A message also appears on your screen indicating that email notifications have been sent.

The system can be configured to email up to 10 email accounts per monitored contact. Each monitored contact is given a unique name during the easy installation. Recipients of the email notifications can be a purchasing department, the local Airgas replenishment group, the maintenance group that would change out cylinders, or anyone who has a valid account. The system easily connects to a computer/network with an active email account. The account must be open for the system to function properly. If the computer is shut off when the event occurs, it will notify everyone when the computer is back on line.

Gas Monitoring

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The StatusChecker can also be used to monitor any contact switch, such as a cryogenic freezer door. The StatusChecker can notify you whenever the door is opened and provide a log of every time the event occurs.

The StatusChecker comes in multiple configurations and can monitor up to eight contacts with one box. There is also a StatusChecker that monitors two contacts and provides both a visual and audible alarm in addition to the emailing notification capabilities.

Specifications

StatusChecker™/Smart Alarm Combo - Monitoring Capabilities: 2 contacts, 2-contact version has additional local audio and visual alarms. (This unit also requires 120VAC power.)

StatusChecker Monitoring Capabilities: 8 contacts

Power Requirements: USB Powered (The StatusChecker is powered by the USB port.) (The Smart Alarm box requires 120VAC for its function. You will need a separate specification list for the 2-contact unit w/alarm box.)

Connections components are interconnected with standard 20 awg wire.

Environmental Classification: NEMA-4X/IP-65 with optional IP-65 cable glands

Ordering Information

Product Number	Description
Y78-EMAILER	StatusChecker box only with capabilities to monitor up to (8) points
Y19-125D30PS	Brass Indicating Pressure Switch 0 – 3000 psi ¼" mnpt LM
Y19-125C60PS	Brass Indicating Pressure Switch 0 – 600 psi ¼" mnpt LM
Y19-125C20PS	Brass Indicating Pressure Switch 0 – 200 psi ¼" mnpt LM
Y78-EMLRD30	StatusChecker box, includes (1) 0 – 3000 psi indicating brass pressure switch, w/¼" fnpt connection, and 18" wire leads
Y78-EMLDRC20	StatusChecker box, includes (1) 0-200 psi indicating brass pressure switch w/¼" fnpt connection, and 18" wire leads
Y78-EMLDRC60	StatusChecker box, includes (1) 0-600 psi indicating brass pressure switch w/¼" fnpt connection, and 18" wire leads