

NEWSFLASH



Date: February 9, 2007
To: All US & Canadian Refined Fuel Distributors and OEMs
From: Curtis Fennell – Marketing Communications Manager
Re: **E4000 Technical Notes**



TVS Installation When Retrofitting to Non-Actaris LPG & Petroleum Meters

The valves supplied with the Actaris E4000 (both security valves and dual-stage preset) are wired with an in-line TVS (Transient Voltage Suppressor) to protect the E4000 from harmful voltage spikes. If an E4000 is installed on another manufacturer's meter with a different solenoid valve (or a Neptune meter which uses another manufacturer's valve), an appropriate TVS must be installed. Contact customer service for details.

LPG Dual Stage Valve Wiring

It has been observed in some applications that the wiring of the LPG dual stage valve, as currently presented in the E4000 installation manual, works as intended, but under certain conditions it may allow some product to creep through the valve if the hose is pressurized before delivery is initiated.

The figures on the attached page show a new method of wiring the valve. This configuration will keep the second stage valve closed until the first stage is shut down. The installation manual is being revised to reflect this change. **(This does not apply to petroleum valves.)**

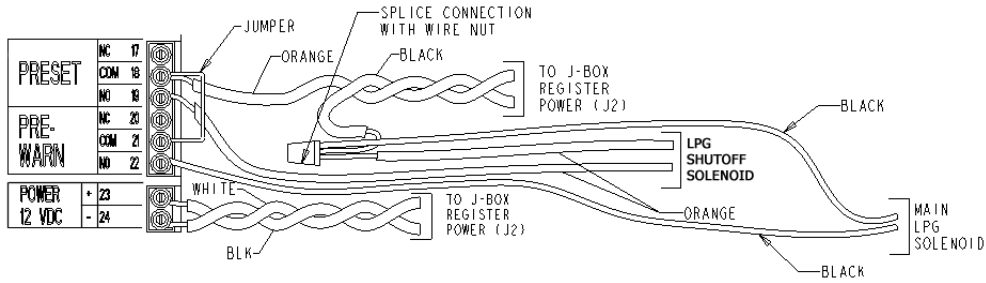
Please call Actaris customer service at 800-833-3357 for more information.

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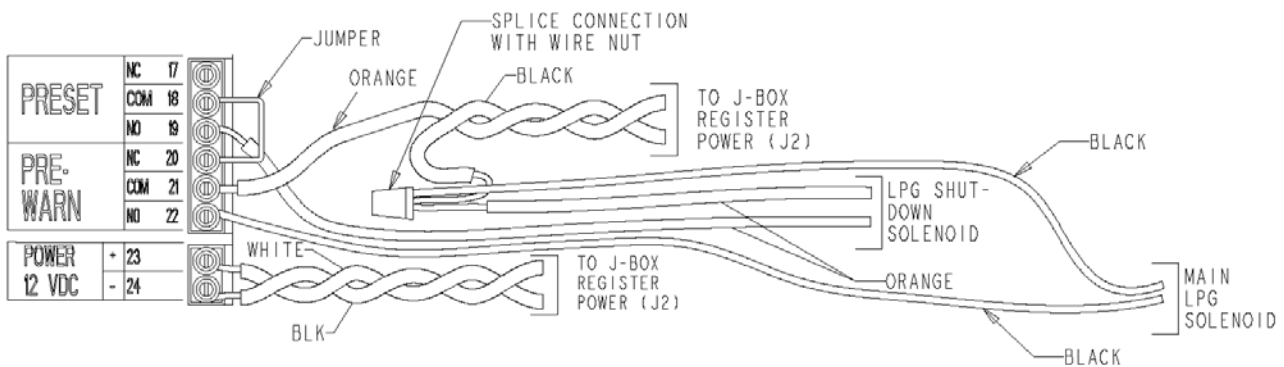


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Dual Stage LPG Valve Wiring – Old Method



Dual Stage LPG Valve Wiring – New Method

The following is a summary of the wiring changes. All other connections remain the same.

	Old Method	New Method
Orange wire from orange/black twisted pair	Connected to terminal 18 (Preset COM)	Connected to terminal 21 (Pre-Warn COM)
Jumper	Connected between terminals 18 and 21	Connected between terminals 18 and 20