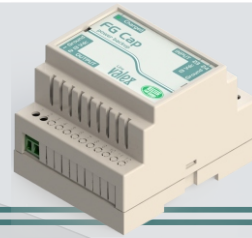




Line **valex**

FG-CAP
POWER BACKUP



FGCAP-02T-15732

WARNING

BEFORE INSTALLING THE CONTROLLER WE RECOMMEND READING THE INSTRUCTION MANUAL THOROUGHLY IN ORDER TO AVOID POSSIBLE DAMAGES TO THE PRODUCT.

PRECAUTIONS WHEN INSTALLING THE PRODUCT:
Before performing any procedure in this instrument, disconnect it from the mains; make sure the instrument has proper ventilation, avoiding installation in panels containing devices that may force it to work outside the specified temperature limits;
Install the product away from sources that can generate electromagnetic disturbances, such as: motors, contactors, relays, solenoid valves, etc.

AUTHORIZED SERVICES:
The installation and maintenance of the product must only be performed by qualified personnel.

ACCESSORIES:
Only use original accessories of Full Gauge Controls.
If you have any questions, please contact our technical support.

DUE TO CONSTANT EVOLUTION, FULL GAUGE CONTROLS RESERVES THE RIGHT TO CHANGE THE INFORMATION CONTAINED IN THIS MANUAL.

1. DESCRIPTION

FG-CAP is a device used in conjunction with the power supply that comes with the product **VX-950 plus** assisting the electronic expansion valve to close in case of power fault. Therefore, it is an alternative to the use of solenoid valves for the same function.

2. TECHNICAL SPECIFICATIONS

External power supply	13Vdc 1.3A
NOTE: Use only the power supply enclosed with the product VX-950 plus .	
Operation temperature	0 to 50°C / 32 to 122°F
Operation humidity	10 to 90% UR (without condensation)
Product dimensions	92 x 72 x 64 mm (WxHxD)
Fastening	DIN rail

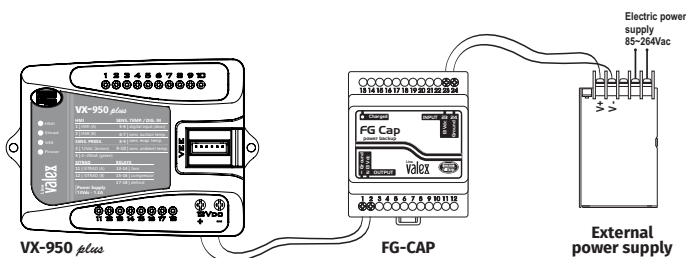
WARNING: Use the product only with electronic expansion valves as indicated in the **VX-950 plus** controller manual.

3. CHARGING INDICATION

The "charged" LED indicator is lit when the FG-CAP is charged and ready to be used with the electronic expansion valves offered by Full Gauge.

Note: For safety reasons, VX-950 keeps the charging time both in the HMI and Sitrad even when the FG CAP indicates that is already charged.

4. ELECTRIC CONNECTION



Terminals:

- 1 - Ground Output
- 2 - 13 Vdc Output
- 13 - Charge LED indicator
- 23 - 13 Vdc Input
- 24 - Ground Input



ENVIRONMENTAL INFORMATION

Packaging:

The materials used in the packaging of Full Gauge products are 100% recyclable. Try to perform disposal through specialized recyclers.

Product:

The components used in Full Gauge controllers can be recycled and reused if disassembled by specialized companies.

Disposal:

Do not incinerate or dispose the controllers that have reached the end of their service as household garbage. Observe the laws in your area regarding disposal of electronic waste. If in doubt, please contact Full Gauge Controls.

WARRANTY - FULL GAUGE CONTROLS

Products manufactured by Full Gauge Controls, as of May 2005, have a two (02) year warranty, as of the date of the consigned sale, as stated on the invoice. They are guaranteed against manufacturing defects that make them unsuitable or inadequate for their intended use.

EXCEPTIONS TO WARRANTY

The Warranty does not cover expenses incurred for freight and/or insurance when sending products with signs of defect or faulty functioning to an authorized provider of technical support services. The following events are not covered either: natural wear and tear of parts; external damage caused by falls or inadequate packaging of products.

LOSS OF WARRANTY

Products will automatically lose its warranty in the following cases:

- The instructions for assembly and use found in the technical description and installation procedures in Standard IEC60364 are not obeyed;
- The product is submitted to conditions beyond the limits specified in its technical description;
- The product is violated or repaired by any person not a member of the technical team of Full Gauge Controls;
- Damage has been caused by a fall, blow and/or impact, infiltration of water, overload and/or atmospheric discharge.

USE OF WARRANTY

To make use of the warranty, customers must send the properly packaged product to Full Gauge Controls together with the invoice or receipt for the corresponding purchase. As much information as possible in relation to the issue detected must be sent to facilitate analysis, testing and execution of the service.

These procedures and any maintenance of the product may only be provided by Full Gauge Controls Technical Support services in the company's headquarters at Rua Júlio de Castilhos, 250 - CEP 92120-030 - Canoas - Rio Grande do Sul - Brasil

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