



Allegro

User Manual

Models: ALLEGRO4I, ALLEGRO4E

FCC ID: NTA2W4GB4

IC: 4732A-2W4GB4

Rev 1.0

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Allegro general view



Model: ALLEGRO3E



Model: ALLEGRO3I



Regulation Information

FCC Part 15 Regulation Class B digital device notice

The digital circuit of this device has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

CAN ICES-3 (B)/NMB-3(B)

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme a la norme NMB-003 du Canada.

FCC interference Notice

This device complies with part 15 of the FCC rules.

Operation is subject to the following two conditions:

- (1) This device may not cause interference; and
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.



Industry Canada interference Notice

This device complies with Industry Canada's license-exempt RSS standard(s).

Operation is subject to the following two conditions:

- (1) This device may not cause interference; and
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

- (1) l'appareil ne doit pas produire de brouillage;*
- (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.*

FCC and Industry Canada Radiation Hazard Warning

WARNING! To comply with FCC and IC RF exposure compliance requirements, the device should be located at a distance of at least 46 cm from all persons during normal operation. The antennas used for this product must not be co-located or operated in conjunction with any other antenna or transmitter.

Le dispositif doit être placé à une distance d'au moins 46 cm à partir de toutes les personnes au cours de son fonctionnement normal. Les antennes utilisées pour ce produit ne doivent pas être situés ou exploités conjointement avec une autre antenne ou transmetteur.

The device meets the exemption from the routine evaluation limits in section 2.5 of RSS-102 and compliance with RSS-102 RF exposure, users can obtain Canadian information on RF exposure and compliance.

WARNING! Changes or modifications to this equipment not expressly approved by the party responsible for compliance (Master Meter) could void the user's authority to operate the equipment.

Professionally trained personnel should install the equipment.



MULTI-JET METER INSTALLATION INSTRUCTIONS

The installation instructions detailed below are consistent with recommendations by the American Water Works Association in AWWA Manual M6, Water Meters-Selection, Installation, Testing, and Maintenance.

WE RECOMMEND IN THE DESIGN OF THE INSTALLATION:

1. The installation should include a high quality, low pressure loss shutoff valve upstream of the meter to prevent water damage to the customer property when service is required, a downstream shutoff valve is likewise recommended.
2. The meter should be installed in a horizontal plane, with the register upright, in a location accessible for reading, service and inspection.
3. The installation should be leak-tight, with properly sized gaskets. When meter connections are ordered from Master Meter, gaskets are provided. Appropriate gaskets and couplings also are available from a qualified waterworks distributor. Whenever a meter is pulled from the line, discard and replace the old gaskets.
4. Although AWWA opposes the grounding of electrical systems to potable water delivery lines, such practices do exist. To prevent accidental harm to service personnel, make certain that an electrical grounding strap is installed around the meter.



AT THE TIME OF INSTALLATION:

1. Thoroughly flush the service line upstream of the meter to remove dirt and debris.
2. Remove meter spud thread protectors. Note: To protect the meter spud threads, store the meter with the thread protectors in place.
3. Set the meter in the line. Arrows on the side of the meter and above the outlet spud indicate the direction of flow.
4. Do not over-tighten connections; tighten only as required to seal. Do not use pipe sealant or Teflon tape on meter threads.
5. With upstream shutoff valve only: Open the shutoff valve slowly, to remove air from meter and service line. Open a consumer faucet slowly to allow entrapped air to escape. Close the customer Faucet.
- 5.1. With upstream and downstream shutoff valves installed:
 - A. To test the installation for leaks: Close the outlet (downstream) shutoff valve. Open the inlet (upstream) shutoff slowly until the meter is full of water.
 - B. Open the outlet (downstream) valve slowly until air is out of the meter and service line. Open a customer faucet slowly to allow entrapped air to escape. Close the customer faucet.