
User's Manual

ROTAMASS 3 Series
Coriolis Mass Flow and Density Meter
Integral Type RCCT3
Remote Type RCCF31 + RCCS3
American NTEP Custody Transfer Type
(/Q20, /Q21)

IM 01R04B07-01E-E, additional manual to IM 01R04B04-00E-E

vigilantplant.[™]

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2. INSTALLATION

2.1 General

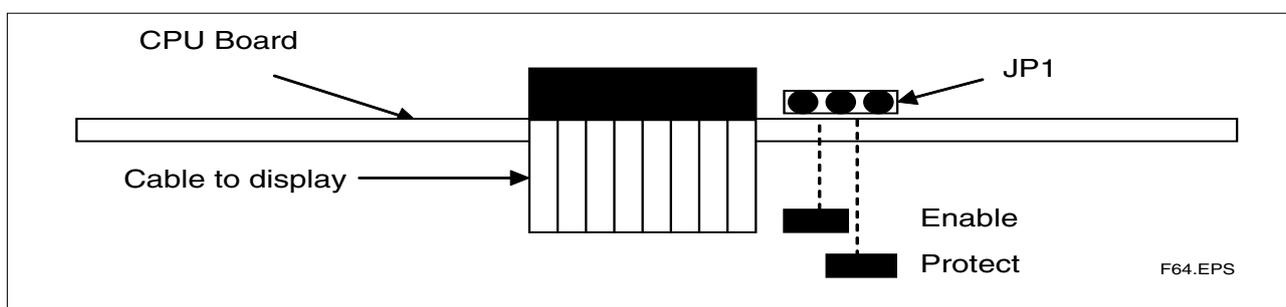
For installation see chapter 4 of IM 01R04B04-00E-E.

Additional regard the following chapters 2.2 and 2.3 of this manual.

2.2 Hardware Write Protect

For use in custody transfer application the hardware write protection must be set after setup:

- Open the cover of the converter.
- Unscrew the 4 screws of the display and move the display aside.
- Set the jumper on JP1 of CPU-board as shown in the following picture.
- Screw the display and close the cover.



The hardware write protection is prior to any other write protection, and cannot be released by HART or other software means.



NOTE

If the Hardware Write Protect jumper is in the "Protect" position then all parameters and commands of the list in chapter 3.2 and the menu trees in 3.3 and 3.4 can only be read in "Read only" mode.

Any writing or execution is impossible (message "Write protect"). Also Autozero is not possible.

Apply the correct value for density offset before sealing the housing!

This hardware protection can not be removed without breaking the sealing.

2.3 Sealing

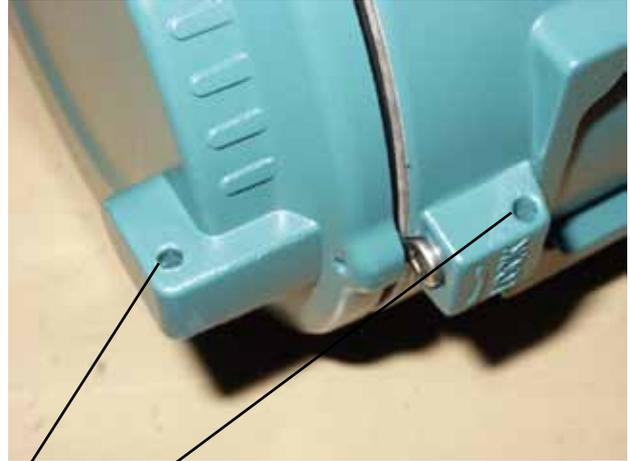
Sealing is done by blocking the front window cover and the back cover of the converter using the attached wire seals.

The wire of the wire seal is put through the holes of the cover and the housing as shown in the figure below and then the wire is pulled through the seal again for fixing.

Cover with window



Cover without window



Holes for cover seals