



TOTALFLOW

Technical Bulletin 133

6400/6700 Error Code -32768 When Installing New XIMV Spare Part

Totalflow Technical Bulletin

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1. Purpose

To inform customers of a possible error message when installing new XIMV spare parts into existing 6400 and 6700 Flow Computer Units. This issue only pertains to second generation 6400/6700 Flow Computers and not our XSeries devices.

2. Problem Description

The XIMV is used to measure differential and static pressure and can operate on 6400/6700 Series and XSeries Flow Computer units. It has been brought to our attention that a small number of customers may be experiencing problems after replacing an existing AMU or XIMV with a new or refurbished XIMV.

The possible affected hardware is Totalflow 2015333 (EPROM 2015494-009 or older), 2015189 (EPROM 2015272-15 or older) and 2015382 (EPROM 2015489-009 or older) electronic boards. The issue is with EPROMs released in Flow Computers shipped seven plus years ago and not the electronic boards. The standard EPROMs listed above are incompatible with new and refurbished XIMV's shipped from September 2005 to October 12th, 2005.

New and refurbished XIMV's shipped during this time frame exposed a startup anomaly that causes communications between the electronic board and XIMV to fail during a cold or warm start. This results in an error displayed on the Flow Computer's LC display "**error - 32796 AMU Errors**" when booting the Totalflow after the new or refurbished XIMV has been connected. The flow computer will stop scrolling and this error will remain on the LC Display.

The number of affected Totalflow units appears to be quite small and it is important that our customers know there is not a problem with the installed electronic board.

3. Problem Resolution

There are two ways of resolving this issue:

- Totalflow recommends replacing the EPROM in the affected units. The upgrade will not only resolve this particular error but also allow the customer to take advantage of new features and updates made over the last seven plus years.
- The second method is to send the failed XIMV back and Totalflow and we can re-program the transducer to be compatible with older EPROMs.

4. Conclusion

ABB will provide EPROM upgrades at no cost for any unit experiencing the error described within this bulletin. Customers can also receive RA # from Order Entry if they want their XIMV re-programmed. Please reference Technical Bulletin #133 when discussing replacement EPROMs with our Order Entry or Technical support staff.

Please call our Order Entry staff at (800) 442-3097 option 1 for upgrade assistance.