

AT100/AT200 magnetostrictive level transmitter

Module enhancement & part number change



AT100/AT200 electronics module enhancement, part number change and FAQs

Measurement made easy

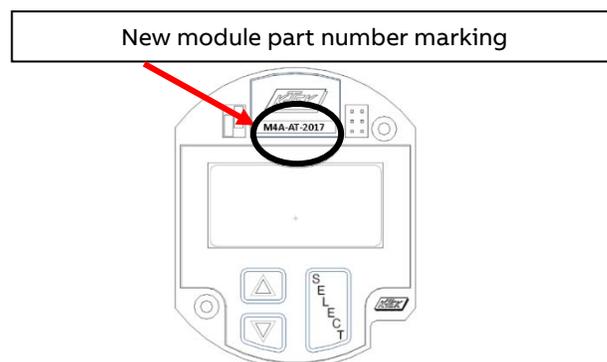
While designing the new series magnetostrictive level transmitters, the ABB K-TEK level product line research engineers have designed a method of enhancing the signal reliability while not surrendering the speed of response or accuracy of the device.

As of January 2017, these changes have been incorporated into the existing AT100/AT200 Series transmitters. As a result, the transmitters now have even better reliability. These enhancements to the electronics are only applicable to the new production devices.

New Spare Part Number - In order to prevent confusion in managing spare parts inventory for our customers and Authorized Stocking Representatives, we have changed the part number on the electronics module for this generation of modules. The new part number will add "-2017" to the end of the part number.

Old Module Part No.	New Module Part No.
M4A-AT	M4A-AT-2017
M4AF-AT	M4AF-AT-2017
M4AFS-AT	M4AFS-AT-2017
M4AS-AT	M4AS-AT-2017
M4B-AT	M4B-AT-2017
M4BF-AT	M4BF-AT-2017
M5A-AT	M5A-AT-2017
M5AF-AT	M5AF-AT-2017
M5AFS-AT	M5AFS-AT-2017
M5AS-AT	M5AS-AT-2017
M5B-AT	M5B-AT-2017
M5BF-AT	M5BF-AT-2017

New Markings - Additionally, we have added the module part number to the face of the module and placed an indicator on the mounting board behind the module to prevent the incorrect module being mounted in the device.



New module part number marking



Information Sticker



NOTE: It is important to know that the electronics (M4xx-AT-2017) are not designed to work in the previous generation devices. Additionally, the electronics from the previous generation equipment (M4xxx-AT) will not be functional in the 2017 and later devices.

FAQs

1. **Will ABB K-TEK continue to support the previous generation (M4xx-AT) modules?**
Yes, we will maintain inventory for both module designs.
2. **How do I order modules for my devices purchased prior to January 2017?**
The existing module part number will not change. Simply order as you have in the past.
3. **Can I use my existing M4xx-AT spare modules in the 2017 devices?**
Unfortunately, this will cause the transmitter signal to saturate and measurement will not be possible.
4. **Can I upgrade my previous generation devices with the new M4xx-AT-2017 electronics module?**
It is not recommended to use the new (M4xx-AT-2017) modules in prior generation devices. The signal amplitude will decrease; and if not properly calibrated, may cause the device to go into alarm state.
5. **How does this affect me?**
If you maintain spare parts inventory, a new part number will need to be created to account for the M4xx-AT-2017 modules. Additionally, only use the M4xx-AT-2017 when performing a module replacement on 2017 and newer equipment.
6. **Will the device model number change?**
No. Since this is simply a revision of the module design, a new model code is not called for.

Questions:

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