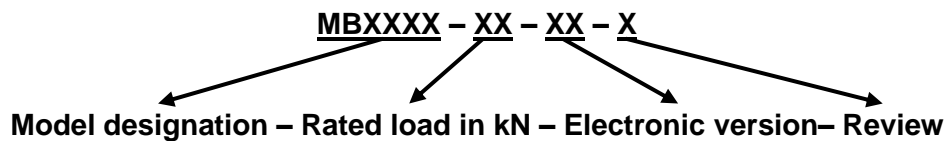


Troubleshooting guide for loadpins with integrated amplifier [mA o. V]

This step-by-step guide is intended for checking common causes of errors when using load pins from Batarow Sensorik GmbH. If you require assistance while performing any of these steps, please feel free to contact one of our technicians.

1. Identify the specific type of loadpin being used by referencing the labelling on the head cover. The accurate model designation can be found after the label 'Orderno.:'. This designation is composed as follows:

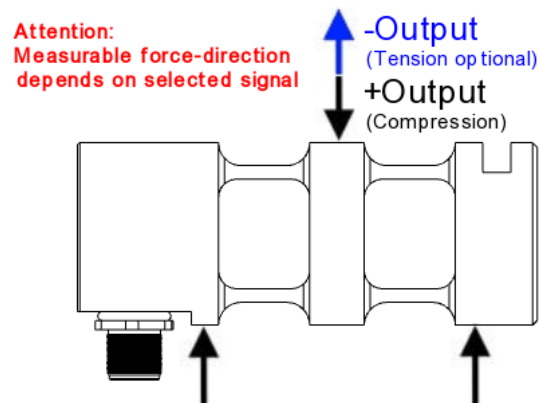


2. Determine the serial number of the loadpin by referring to the labelling on the head cover. The serial number can be found after the label 'Serialno.:'.
3. Locate the description of the output signal matching your loadpin and the corresponding pin or cable assignment. To do this, refer to the third page (Output Signal & Wiring) in the attached datasheet to find the description that matches your electronic version. Adjacent to the relevant description, you will find the associated pin or cable assignment.
4. Verify whether all connections of the loadpin have been attached to your system according to this assignment. For your convenience, an explanation of the utilized labels is provided here:

Notation on datasheet	Description
Supply (+)	Positive, supply voltage (14-28 V)
GND	Negative, supply voltage
Output	Positive output signal [mA o. V].
Tara	Function for shifting the zero signal
Scale	Function for shifting the end signal (deactivated)
Threshold	Output for threshold value (switches GND)

5. Verify if a sufficient supply voltage is present at the loadpin. To do this, conduct a voltage measurement [V] between Supply (+) and GND. The measurement value should be within the range of 14-28 V.
6. Verify the output signal of the loadpin under no load conditions. To do this, perform a measurement [mA or V] between Output and GND while the loadpin is in an unloaded state and sufficient supply voltage is applied. The measurement value should approximately match the zero-signal indicated in the enclosed test report. Ensure correct connection of the measuring device!
7. Verify the output signal of the loaded loadpin. To do this, perform a measurement [mA or V] between Output and GND while applying a slight load by hand or through a corresponding device to the loadpin, and ensuring sufficient supply voltage is applied. The measurement value should change as the load increases. Pay attention to the correct connection of the measuring device!

8. If the output signal deflects in the wrong direction, verify compliance with the load direction indicated on the first page of the datasheet.



9. If the issue persists, please send us an email with the following information:
- What is the model designation of the loadpin (MBXXX-XX-XX-X)?
 - What is the serial number of the loadpin?
 - Was an error in the connection assignment found and corrected?
 - What was the measured supply voltage?
 - What measurement value does the loadpin provide in the unloaded state?
 - What measurement value does the loadpin provide in the loaded state?
 - Was an error in the load direction found and corrected?
 - How exactly does the observed error manifest?
 - Under what conditions does the error occur?
 - Has the loadpin been in use previously or is it being newly installed?
 - What is the mounting situation of the loadpin? Please provide pictures!