

CUSTOMER-CONFIGURATION PROCEDURE (VSI-UPGRADE)

When the preamplifier of a VSI flowmeter (Upgrade) is replaced, it needs to be configured for the used GMR sensors. This process is easy to perform and only needs to be done once.

First, set the **switch S3** to the “**custom**”-position and turn the **rotary encoder switch S4** to **position C**.

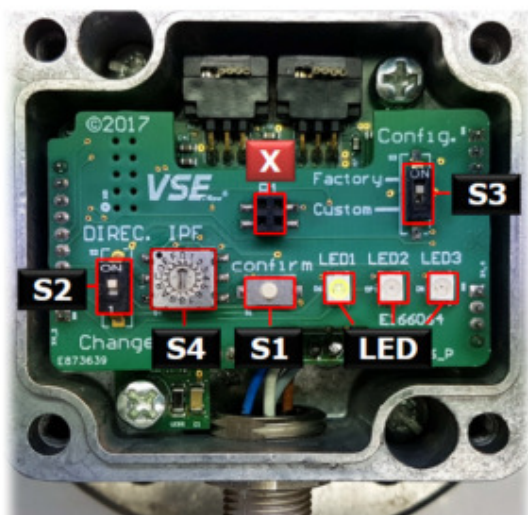
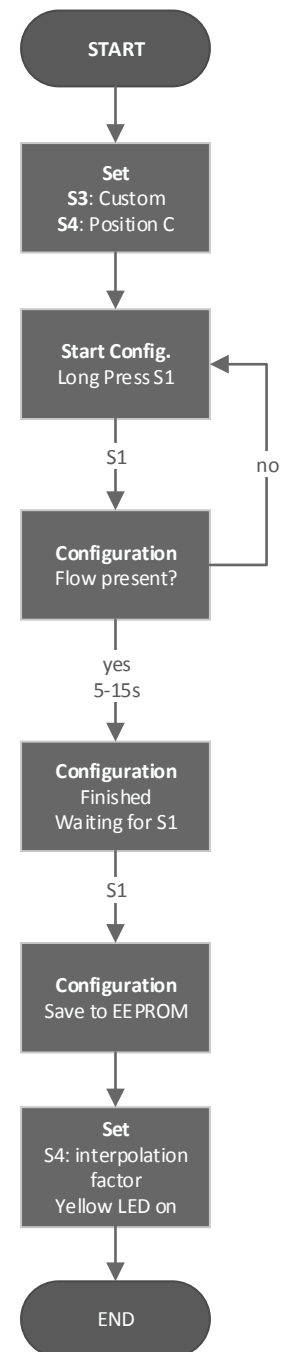
Before starting the actual configuration procedure make sure **flow is present**. A relatively high and constant flow improves the quality of the signal adaption but is not mandatory.

Now start the configuration by **pressing and holding button S1** until the LEDs turn off. The running procedure is signaled by a **blinking yellow LED** and takes approximately **5 to 15 seconds**.

The process is complete when either the **green or the red LED lights up** (Note: if the red LED lights up, the configuration should be attempted again). To permanently store the acquired configuration data, **short-press S1**.

It's now possible to choose an **interpolation factor** using the **rotary encoder switch S4** to start the signal output.

Unlike a factory configuration, a customer-configuration makes the yellow LED light up continuously during normal operation, instead of the green one.



S1 – Configuration confirmation

S2 – Signal switchover switch

S3 – Configuration mode selection

S4 – Interpolation factor adjustment

LED – Electronics state information

X – Interface – VSE only