

6-7-10 :Display or Change Damping Time Constant

If, due to pulsation of differential pressure under some flow conditions, the transmitter output is unstable and difficult to read, the output can be stabilized by increasing the damping time constant.

Valid damping time constants

The following damping time constants are valid. They are displayed in this sequence (or in the reverse sequence) using key operation. The actual response time is lower than the value by about 0.4 seconds. The unit is second.


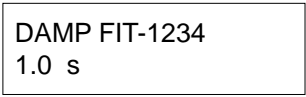


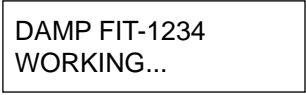



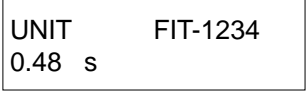
0.0 → 0.16 → 0.32 → 0.48 → 1.0 → 2.0 → 4.0 → 8.0 → 16.0 → 32.0



How to display and change the damping time constant:

It is assumed that the currently set value is 1.0 second.

Remarks:

When changing the damping time constant, select the next higher value and check output fluctuations.

Step	Description	SFC screen
1	Press the  key.	
2	To change the damping time constant, press the  key or the  key, successively, until the desired value is displayed.	 ↓ Display after pressing the  key  Display after pressing the  key 

Step	Description	SFC screen
3	Press the  and  keys, in that order. Saves the data in the transmitter.	<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;">SHIFT-</div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;">DSTJ FIT-1234 WORKING...</div> <div style="text-align: center; margin-bottom: 10px;">↓</div> <div style="border: 1px solid black; padding: 5px;">DSTJ FIT-1234 DATA NONVOLATILE</div>