

● Temperature measurement with software filtering function ;

High Byte of R4009 = 55H, temperature measurement without software filtering function

= Other values, temperature measurement with software filtering function (System default)

Low Byte of R4009 = 01H, temperature in Fahrenheit unit (V3.70)

= Other values, temperature in Centigrade unit

High Byte of R4015 : The setting value of the filtering range

= 00H, the range is between ± 30 degree (System default)

= 01H, the range is between ± 10 degree

= 02H, the range is between ± 20 degree

= 03H, the range is between ± 30 degree

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= 0FH, the range is between ± 150 degree

In general, the vibration of the conjunctive reading value of the temperature measurement must locate between the filtering range (set by High Byte of R4015), but it may happen (depends on the environment) the conjunctive reading value is out of the filtering range, if it doesn't exceed 5 times continuously, the illegal reading value will be filtered and can't come into the system.

Low Byte of R4015 : Times for the average of temperature measurement of FUN72 & FUN73 (V3.3X)

= 00H, no average, every acquired value is the measured value (System default)

= 01H, average of 2 times, the average on the acquired of 2 times values is the measured value

= 02H, average of 4 times, the average on the acquired of 4 times values is the measured value

= 03H, average of 8 times, the average on the acquired of 8 times values is the measured value

= 04H, average of 16 times, the average on the acquired of 16 times values is the measured value