

MAGX²

P24 Service Menu Encoding



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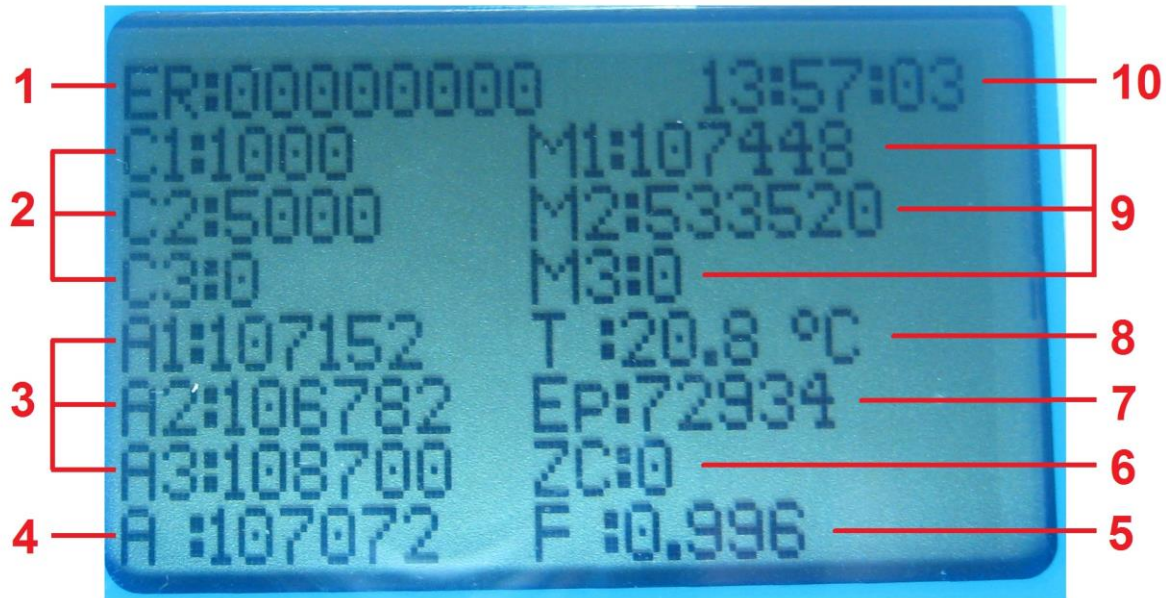
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Step 1

To setup service mode enter Factory settings->Service mode = On. Factory settings password is 6242. Then go to the main screen.



1: ER – Error code. To decode it see example attached at the end of this procedure. *Note1

2: C1,C2,C3 – Calibration points representing flow in m3/hr on which were the calibration made. The calibration diagram is attached. *Note2

3: A1, A2, A3 – 3 AD converter value of measured flow – the newest data.

4: A – Average AD converter data. (User settings->Samples per Average can set how many of samples will be used for counting average – affects speed of change and stability)

5: F – Flow, unit by Display->Unit volume.

6: ZC – Zero calibration.

7: EP – Empty pipe AD converter value (important for Air detector). User settings->Air constant (default 0,188). For conversion $Ep / 16777216 = 0,0043$. If number is larger than preset Air constant the Empty pipe alarm is set.

8: T – temperature.

9: M1, M2, M3 –Calibration measured data. It is corresponding with C1,C2,C3. *Note2

10: Actual time.

Note1:

Error code decoding:

MAGX2 can detect and show a number of errors in one error code value.

(see the table above). Number 1 indicates error and number 0 indicates no error.

Example:

Error shown on display:	Error position:	Readed errors:
00000083 HEX =	0000000000000000 00000000000100011 BIN	SD card not inserted / Overloaded / Empty pipe

Note2:

Calibration curve

