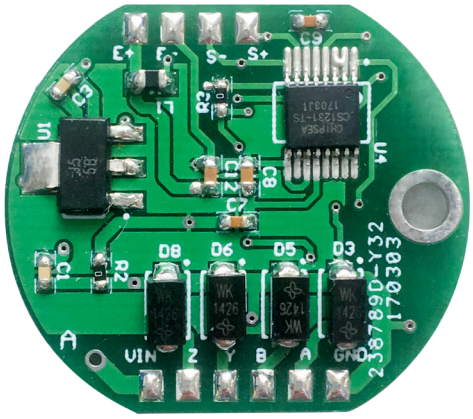
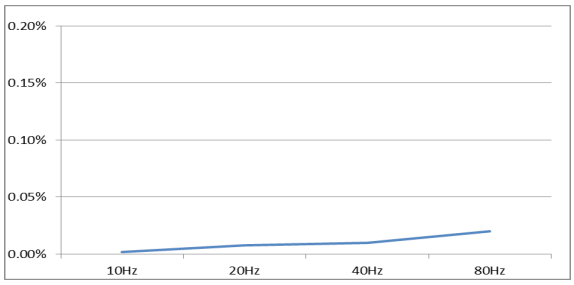
DM-B4110-A1

Digital Module

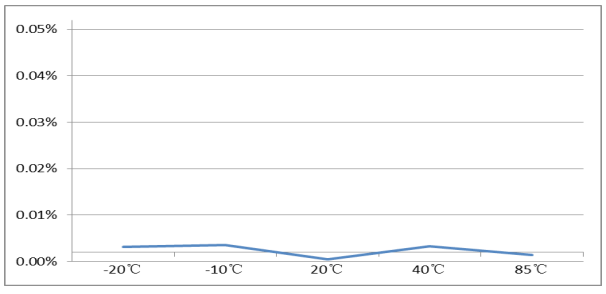


- RS422/485 interface
- Applied for static weighing
- A/D convertor
- Digital filtering, programmable
- Selectable measuring speed
- Nonvolatile storage
- Anti–reverse,anti–overvoltage, TVS protection.

Frequency-temp. chart (20) ℃



Temp.-non-linearity chart (10Hz)



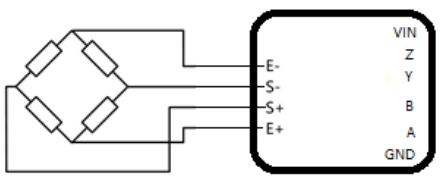
Specifications

Items	Unit	Specification
Accuracy	%	0.002
Measuring frequency	Hz	Rated:10 Max:80
A/D conversion bit	Bit	20
Measuring signal range	mV/V	±3.0
Communication interface	—	RS485/ 422
Baud rate	bits/s	1200/ 2400/ 4800/ 9600/ 19200/ 38400
Digital filtering	—	Moving average filtering
Bridge input resistance	Ω	>100
Excitation voltage	V	5
Drift on zero	ppm/ ℃	75
Drift on span	ppm/ ℃	75
Working voltage/accuracy	V/ %	12~30/ 0.1
Working current	mA	30
Nominal temperature	℃	−10 ~ 40
Operation temperature	℃	−20 ~ 85
Support sensors qty	pcs	1
Installation	—	Built−in
Size	mm	ϕ32

Note: 1) Accuracy is based on rated frequency and nominal temperature.
2) The measuring frequency can be set in range smaller than Max value.
3) The signal sensitivity for test is 2.0mV/V.

Frequency	10Hz	20Hz	40Hz	80Hz	Temp.	−20℃	−10℃	20℃	40℃	85℃
Accuracy	0.002%	0.008%	0.01%	0.02%	Non-linearity	0.0011%	0.0015%	−0.0015%	0.0013%	−0.0006%

Wiring



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There is no special declaration if any change in the specification.
ZEMIC reserves the rights in the final interpretation and modification.