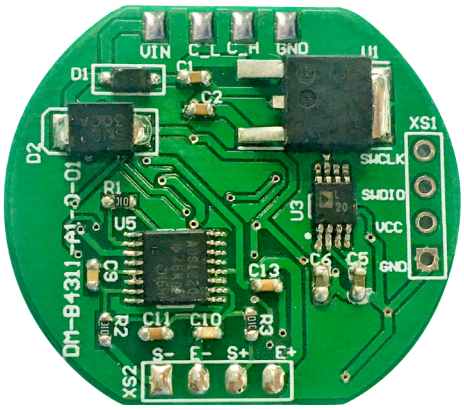
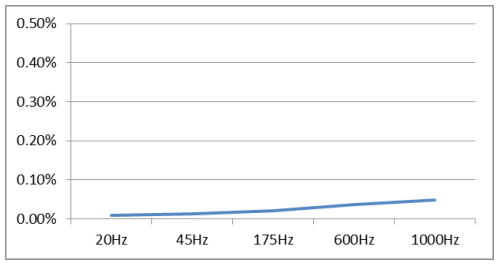
DM-B4311-A1

Digital Module

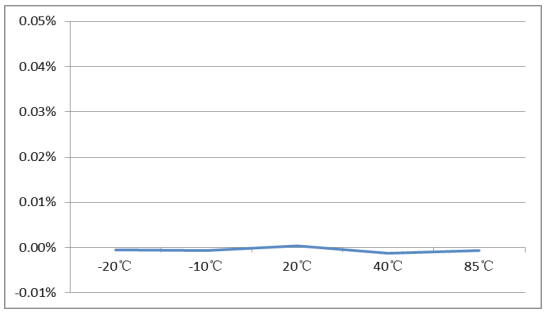


- Can–bus interface
- Applied for static weighing
- A/d convertor
- Digital filtering, programmable
- Selectable measuring speed
- Nonvolatile storage
- Anti–reverse,anti–overvoltage,tvs protection

Frequency-temp. chart (20) C



Temp.—non-linearity chart (45Hz)



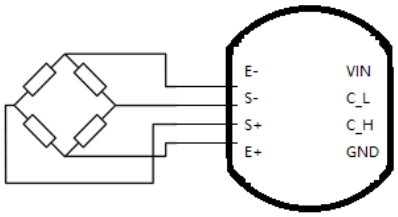
Specifications

Items	Unit	Specification
Accuracy	%	0.02
Measuring frequency	Hz	Rated：45 Max：1K
A/D conversion bit	Bit	20
Measuring signal range	mV/V	±3.0
Communication interface	—	CAN
Baud rate	bits/s	10K/20K/50K/125K/250K/500K/800K/1000K
Digital filtering	—	Moving average filtering / recursive filtering
Bridge input resistance	Ω	>100Ω
Excitation voltage	V	5
Drift on zero	ppm/℃	75
Drift on span	ppm/℃	75
Working voltage/accuracy	V/%	8 ~ 26/0.1
Working current	mA	20
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	20Hz	45Hz	175Hz	600Hz	1000Hz
Accuracy	0.01%	0.014%	0.022%	0.036%	0.048%
Temp.	−20℃	−10℃	20℃	40℃	85℃
Non−linearity	−0.00046%	−0.0007%	0.00038%	−0.0012%	−0.00068%

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.