H15G Weighing Strip



Features:

- Adopt new algorithm to realize dynamic weighing
- Protection Class P68
- Special treatments surface, good shielding property, high wear ability
- Good Weather ability, non–stop running under –40℃ ~ +80℃
- Adopt Patented Technology, high reliability
- Small width, light in weight, easy for construction
- Side by Side use, no weighing shadow region.

Application Fields:

Bending bar is mainly designed for the dynamic weighing of automobile axle / wheel in highway or bridge, monitor and manage vehicle ' s load through the computer in control center, meanwhile providing a scientific way for road administration department in traffic census, data acquisition, statistics, and forecast.

ZEMIC 中航电测

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Specifications

Output sensitivity	(mV/V)	H15G: 0.42 ± 0.1 H15G–W1： 0.85 ± 0.1
Combined error	(%Ld)	1.5
Nonlinearity	(%Ld)	1.5
Repetitiveness (%Ld)	(%Ld)	0.1
Transverse consistency	(%Ld)	1.5
Input resistance	(Ω)	H15G: 3060 ± 20 H15G–W1: 1530 ± 20
Output resistance	(Ω)	H15G: 2800 ± 10 H15G–W1: 1400 ± 10
Insulation resistance	(MΩ)	⩾ 5000(100VDC)
Temperature compensation range	(℃)	–10 ~ +50
Allowable temperature range	(℃)	–40 ~ +80
Recommend Excitation Voltage	(V)	9 ~ 15DC
Maximum Excitation Voltage	(V)	20DC
Protection class		IP68
Cable		4 core shielded cable
Capacity	(t)	1 ~ 5
Single–point ultimate load	(t)	5t
Temperature effect on zero output		0.1
Temperature effect on output sensitivity		1
Zero output	(%FS)	8% ~ 18%

Wiring: red power supply (+) black power supply (–) blue signals Ⅰ (+) white signals Ⅰ (–)
Explanation: H15G series has 3 types: H15G、H15G–W; H15Gdefines that the bending plate length is 1845mm； H15G–W1 fines that the bending plate length is 1013mm.

Outline Dimension mm

