Voltage Sensor JHVS-50

- Applied to any voltage monitoring;
- Measurement range ±50V (default)；
- Error<0.1%FS；
- Signal bandwidth >20kHz;
- CE Certification;
- 1500V Isolation and short circuit protection.

The voltage sensor JHVS-50 is used to realize the measurement of the battery voltage on the vehicle and real-time status monitoring during crash test of low-voltage electrical equipment. The sensor uses a very low-temperature drift and high precision circuit. The default range is ±50V, other ranges can be customized (less than 100V). The sensor has reliable short-circuit protection measures with small size and all isolation of power and signal.

Specification (5V, 25℃):

Name	Unit	Value
Range	V	±50
Over range	V	±80
Sensitivity	mV/V	25
Non-linearity	%	<0.05
Hysteresis	%	<0.03
offset	mV	<± 5
Response	μs	<10
Power	5V （Active Sensor）	
Consumption	mA	<20
Opera. Temp.	℃	-20~85
Store Temp.	℃	-40~125
Material	/	Al. Alloy
Weight	grams	7
Dimension	mm	36× 16× 14

Wire length default 8m.

The connector and ID as required.

Wire defines:

Signal side (connect to DAS):

Red	Power+
Black	Power-
Green	Signal+
White	Signal-

Measurement side (to test object)

Red	Object+
Black	Object-

(주)이즈소프트
본사 경기도 군포시 공단로 140번길 46 엠테크노센터 1003~4호 | 시험센터 경기도 화성시 마도면 화성로 785번길 117-12
T 031-346-5112 | F 031-436-1420 | support@is-soft.co.kr | www.issoftcrashtesting.co.kr