

Indicator for VW sensors

DIGITAL ADVANCED SENSORS **DAS**

DIGIANGLE-VW

- Power supplying for sensors to convenient use
- VW sensors 3 channels + thermistor 1 channel at once
- High strength aluminium housing
- Low-power LCD display and automatic power saving
- USB-rechargeable Li-ion battery



Digital indicator DIGIANGLE-VW is for measuring VW-type of sensors such as loadcell, piezometer, strain gauge, vibrating-wire sensor.

General Specifications

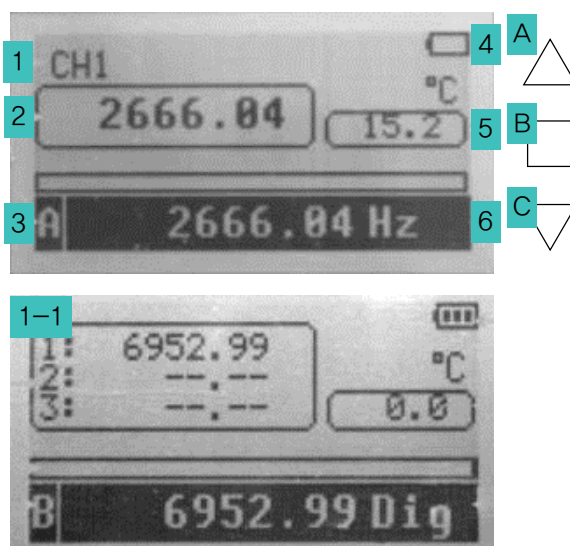
Item	Specification
Measuring Range	450 ... 6,000 Hz
Channels	3x VW + 1x Thermistor ¹⁾
Resolution	0.01% / 0.1 celsius
Non-Linearity	0.01% FS
Samplig Rate	Up to 25Hz
Battery	3.7V 500mAh (Li-ion)
Recharger	USB 5V 500mA
Operating Temp.	0 ... +65 celsius
Dimensions	W110 X H80 X D32mm
Weight	430g

¹⁾ Thermistor 3Kohms

Measuring Modes

- **MODE [A]**
= Hz (450...6,000Hz bandwidth)
- **MODE [B]**
= $\text{Hz}^2 \times 10^{-3}$ (1,200...3,500Hz bandwidth)
- **MODE [C]**
= $\text{Hz}^2 \times 10^{-3} \times 4.062$ (450...1,000Hz bandwidth)
- **MODE [D]**
= $\text{Hz}^2 \times 10^{-3} \times 3.304$ (450...1,000Hz bandwidth)
- **MODE [E]**
= $\text{Hz}^2 \times 10^{-3} \times 0.39102$ (1,000...3,500Hz bandwidth)

Instructions

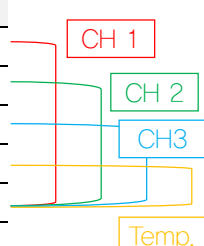


- Push Δ button to change 1-channel-measurement or 3-channels-measurement.
 - Push \square button long to power on and off. Push it short to measure.
 - Push ∇ button to change mode [A] to [E].
 - Push Δ and ∇ buttons at once long to turn LCD backlight on and off.
- Shows current channel number.
 - Shows current value of the channel. 1-1) shows 3-channels-measurement.
 - Shows current measuring mode.
 - Shows battery status. C mark is appeared during recharging.
 - Shows measured temperature from the channel.
 - Shows the result from the channel or average value at 3-channels-measurement.
 - Measures automatically every 3 seconds after the powered on.

- Power saving : Over 3 minutes without any command then power is off automatically.

Wiring Connections

Color	Description
RED	CH 1
GREEN	CH 2
BLUE	CH 3
YELLOW	Temp. CH
BLACK	COM



Recharging

Recharge DIGIANGLE through the USB port on the rear by connecting USB-A to A cable (provided basically) to PC or USB recharger.

Accessories

- Leather pouch with shoulder strap
- USB-A to A cable (2.0m)

Ordering Code

Format : DIGIANGLE-(1)

(1)	1D	Digital Protractor
	MULTI	Digital Multi-Indicator
	VW	Digital Indicator for VW sensors

Options

- ✓ Harness for DIGIANGLE-VW

NOTES

- 1) Check wiring connections and battery status before use.
- 2) Color of the aluminium housing can be changed without prior notice. (unrelated to performance or quality)
- 3) 12 months warranty is provided after released. Warranty provided only in case of using for designed purpose correctly.
- 4) Specifications, design and components can be changed without prior notice to improve its performances.

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