VWA-1 VW to Analog Converter

VWA-1 VW to Analog Converter is used to convert VW frequency signal to analog signal,
the VWA-1 converter can converter input VW frequency range to 0 – 2 VDC analog output,
it is unlike other VW interfaces those need to work with some specific dataloggers only
and with much higher costs. Without the restrictions, hence, the VWA-1 is quite helpful and
flexible for consultants or planners in configuring their systems in much lower costs,
in other words, the consultants or planners can adopt their familiar datalogger (or PLC or RTU
or recorder or A/D module..) or other measuring instruments to work with VWA-1 converter.

In addition to the measuring instruments of above, VWA-1 VW to Analog Converters are
commonly worked with HL20 datalogger directly or via CEM416A channel expansion modules
(multiplexers), also, some other brands of dataloggers (e.g. DT12,CR10X,CR200X,CR300,
CR800,CR1000,..) or recorder or PLC or RTU those which with analog inputs can all work
with VWA-1 converter as well.

Technical Specifications:

a. Frequency range: 400 – 6000 HZ
b. Resolution: 24 bits
c. Response time: @ 0.5S (@ 500mS) after power-on
d. Operation mode: switched 12VDC (power control)
e. VW to Analog channel no.: 1 channel (VW only)
f. Analog output: 0 – 2 VDC x 1 (VW only)
g. Communication port: D type 9-pin RS232 ; frequency range settings (terminal mode)
h. Power requirement: 9 – 15 VDC (@ 29 mA at 12.6 VDC)
i. Dimension: @ 16 cm (L) x 6 cm (W) x 2.7 cm (H)
j. Option: HP2 power switch unit (activated by datalogger's control port)
   for 12VDC power control