VC200-K Tachometer & Frequency Module

Measurement & Transmitter / Monitor

Microprocessor Based

Key Features

- 6 Digit Microprocessor Rate Module
- RPM / Frequency selectable
- Configurable scaling setting
- 2 output relays fully configurable with software
- CE approval
- DIN Rail Mounting
- Push-in type connectors
- Energize and De-energize relay selection
- Delay shutdown function
- Supported Modbus RTU Protocol

Technical Specs.

Input	200mv/mils Displacement Sensor or Photo Electric NPN/PNP (0~24V)
Measurement Range	0~1200 RPM 0~199.9 Hz
Display Range	0~9999 RPM 0~199.9 Hz
Dynamic Range	0 ~ ± 24 V
Accuracy	1 RPM
Display Resolution	4 digit , mines , one decimal point

Mechanical

Case Material	Plastic
Mounting	DIN Rail TS35 (Top Hat)
Dimensions	134 x 99 x 22.5 mm (H x D x W)
Connections	Push in Clamp
Conductor Size	0.5 to 4.0 mm
Weight	110 gms (nom)

Electrical

Power Input	+24 V DC (50 mA)
Output 1	4-20 mA
Relays	2 SPDT, 1A Form C 24Vdc
Statues LED	2 LEDs Trip, Alarm
Analog Output Resolution	16 bits
Serial Port	RS 485

Environmental

Operating temperature range	0 to 55 ºC
Installation Category (IEC664)	II
Equipment Class (IEC536)	III
EMC	EN61326-1:2013

Communication Features

Configuration Software	Vibsens-CNFG
Communication Protocol	Modbus RTU
Communication Port	RS-485

Ordering info.

Standard order: *I-D-V-0-0600-0200-R-EN*

Configuration	Select Sensor	Input Type	Transducer Power	Full Scale Range	Alarm Value	Trip Value	Output Units	Relay Type
I = ISO (Standard Order) **S** = Factory configured VC200-K Module is user configurable after initial set up & accept Filters	**P=** Photo Electric **D=** Displacement	**N** = NPN **P** = PNP **O** = Open Collector **V** = 200mv/mils	**0** = +24V **1** = -24V	**0600 =** 600RPM **0800 =** 800RPM **1200 =** 1200RPM **XXXX =** XXXRPM	**0200=**200 **0500=**500 **0900=**900 **xxxx=**XXX	**0200=**200 **0500=**500 **0900=**900 **xxxx=**XXX	**R=** RPM **H=** Hz	**EN** =Energized **DE** =De-energized

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