

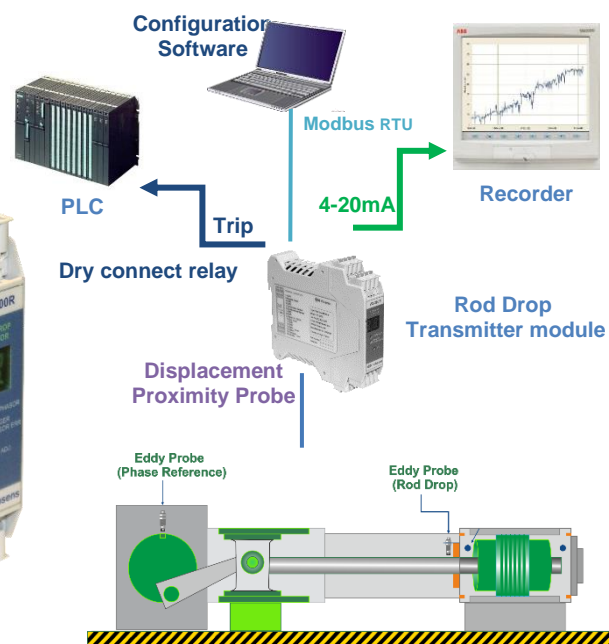
VC-200R Rod Drop Module

Signal Conditioner / Transmitter / Monitor

DSP Based

Key Features

- Displacement proximity probe
- Keyphasor® signal
- Rod Drop value 4-20mA Outputs
- Measurement in 3 Mode
Keyphasor® triggered
Average Mode
Maximum drop point of rod
- sensor OK status LED
- DIN Rail Mounting
- Push-in type connectors
- Energize and De-energize relay selection
- Delay shutdown function
- Modbus RTU support
- Installation Up/Downward position
- Rotational speed display in RPM



Technical Specs.

| | |
|-----------------------------------|-------------------------------------------------------------------|
| Input type Displacement Sensor | 200mv/mils Displacement Sensor (Other sensitivities available) |
| Measurement | Average, Max.Drop Point Keyphasor® Triggered |
| Measurement Range | 0-2mm |
| Keyphasor® Input | 200mv/mils Displacement Sensor or photo Electric Sensor |

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 |
| Wire Size | 0.5 to 4.0 mm |
| Weight | 110 g (nom) |

Electrical

| | |
|----------------------------------------------|------------------------------------------------------|
| Power Input | +24 V DC (50 mA) |
| Output | 4-20 mA= 0-2 mm (Other ranges available) |
| Adjustment potentiometer (in front of panel) | Adjustment of zero point |
| Relays | 1 SPDT, 1A Form C 24Vdc |
| Status LED | 3 LEDs RPM of Machine, Danger Relay, Sensor Error |

Environmental

| | |
|--------------------------------|---------------|
| Operating Temperature Range | 0 to 55 °C |
| Installation Category (IEC664) | II |
| Equipment Class (IEC536) | III |
| EMC | EN61326-1:201 |

Communication Features

| | |
|------------------------|--------------|
| Configuration Software | Vibsens-CNFG |
| Communication Protocol | Modbus RTU |
| Communication Port | RS-232 |

How To Order

Standard order: I-D-200M-02-0800-U-3-EN

| Configuration | Type of Keyphasor Sensor | Sensitivity | Full Scale Range | Drop Danger | Installation Location | Delay Trip | Relay Type |
|------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|------------------------------------------------------------------------------------------------------|-------------------------------------------------|
| I = ISO (Standard Order) F = Factory configured VC200R Module is user configurable after initial set up & accepts Filter | D = Displacement Sensor P = Photo Electric Sensor | 200M = 200 mV/mils Displacement 008I = 8 V/mm Displacement XXXmI = X v/mm | 02 = 0-2mm XX =0-XX mm | 0100 =100 µm 0200 =200 µm 0300 =300 µm 0400 =400 µm 1500 =1500 µm xxx =xxx µm | U = Upward position D =Downward position | 01 =1s 03 =3s 05 =5s 06 =6s 10 =10s Xx =xxs | EN =Energized DE =De-energized |

