

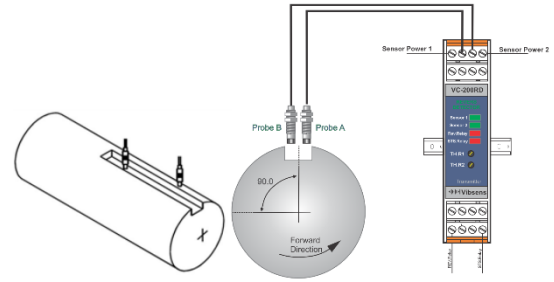
# VC-200RD Reverse detector module

Reverse detector /Stand still Indicator

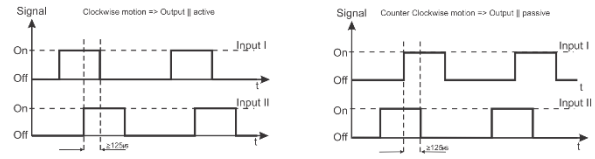
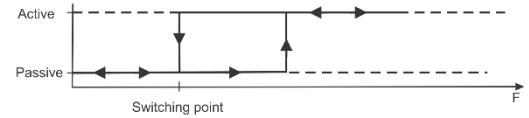
Microprocessor Based

## Key Features

- Two speed inputs
- Eddy current /magnetic/photo electric proximity transducer (TTL pulse)
- Configurable trigger edge
- Two output relays
- Rotational direction indicator
- Stand still detector
- DIN Rail Mounting
- Push-in type connectors
- Energize and De-energize relay selection
- Four LED indicators
- 2 KHz frequency response



Standstill monitor with rotation direction



## Technical Specs.

Input	Analog/digital output speed transducer (Eddy current/ magnetic/photoelectric)
Frequency Range	0.1 Hz to 2 kHz
Operating Mode	Reverse rotation & stand still protection
Stand still	Adjustable (0.1, 0.5, 2, 10 Hz)
Reverse detection	Minimum overlapping ~ 125µs
Trigger edge	Adjustable pulse level
Minimum pulse duration	> 200µs for standstill > 250µs for rotation direction

## 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)
Power	1.5 W

## Electrical

Power Input	+24 V DC (50 mA)
Relay 1	Stand still
Relay 2	Reverse rotation detection
Output Relays	2 SPDT, 1A Form C 24Vdc
Status LEDs	4 (Input 1/ Input 2 Stand still/ reverse rotation)

## Environmental

Operating temperature range	-15 to 60 °C
Installation Category (IEC664)	II
Equipment Class (IEC536)	III
EMC	EN 61326-1:2013, EN 61010

## Ordering info.

Standard order: I-01-01-01-03-00-01-00-DE

Configuration	Input Source 1	Input Source 2	Sensor power	Stand Still Relay (Hz)	NO/NC condition	Transducer Power	Transducer Pull-up	Relay Type
<b>I</b> = ISO (Standard Order) <b>S</b> = Factory configured VC200RD Module is user configurable after initial set up	00: Analog transducers 01: Digital transducers	00: Analog transducers 01: Digital transducers	00 = Negative 01 = Positive	01=0.1 02=0.5 03=2 04=10	00= NO 01= NC	00 = -24 Vdc 01 = +24 Vdc	00= 0 01= 10KΩ	EN =Energized DE =De-energized