

OPERATION MANUAL

CMCP420VT Velocity Transmitter

REV. C 8-7-00

Model Description:

The **CMCP420VT** is a 2-wire, loop-powered, 4-20mA, RMS Velocity Transmitter. It includes a buffered output terminal for temporary access to the raw vibration acceleration signal using portable analysis instruments.

Range:

4 - 20ma proportional to the full scale velocity range.

- 01 1"/sec rms
- 02 2"/sec rms
- 03 25 mm/sec rms
- 04 50 mm/sec rms

Power Requirement:

+22 to 36 Vdc

R-Load:

Recommended: 250 Ohms @ $V_{supply} = 24Vdc$.

Max: 600 Ohms @ $V_{supply} = 36Vdc$.

Loop Connections:

Loop + Terminal 3

Loop - Terminal 2

Buffered acceleration output (nominal 100 mV/g) Terminal 1 with respect to terminal 2.

Note: The buffered output is for temporary connection of portable analysis instruments only. Instruments connected to this output must have a minimum input impedance of 1 meg-Ohm.

Case:

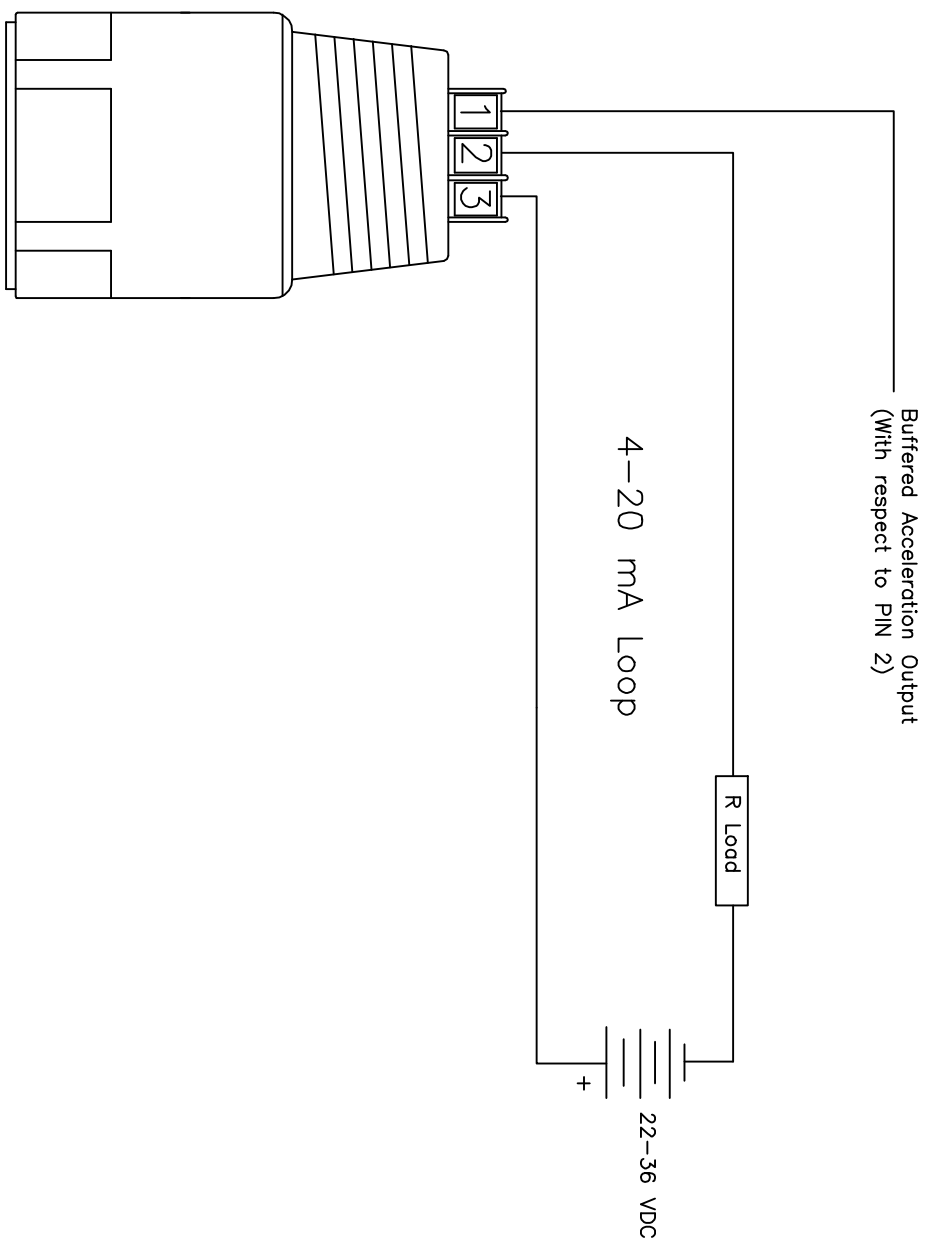
316 stainless steel

Mounting Options:

-00 5/16-24 stainless steel stud.

-01 supplied with ½ ss NPT adapter.

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED



CMCP420VTR CONNECTION

SIZE	FORM NO.	DWG NO.	REV
SCALE	NONNE	SHEET 1 OF 1	