SKF

Condition Monitoring Custom Products

"Vibration Monitoring and Machine Protection Systems"

2911 S. Shore Blvd., Ste. 170, League City, TX 77573 Phone: 281.334.0766 Fax: 281.334.4255

Condition Monitoring Custom Products

CMCP575 Speed Transmitter

- **Low Cost**
- **Din rail mount**
- **4-20 mA output**
- **Optional user programmable scaled output**

Description:

The CMCP575 transmitters are compatible with eddy probe and proximity switch inputs, they provide a 4-20 mA output proportional to the overall measurement. Each unit provides power for the associated sensor, processes the signal to determine overall speed, and outputs a 4-20 mA dc current that is proportional to a user specified range such as 0-1,000 RPM. Combining transmitters with an existing PLC or DCS system results in a high density, low cost vibration monitoring system.
The PO option allows the user to program the 4-20 scaled output in the field with the touch of a button.

Electrical Specifications:

Power: +24 Vdc @ 45 mA max. (30 mA typical at 2 full scale output).
Accuracy: 0.5 % of Full Scale Range.
Output: 4-20 mA proportional to the full scale range.
Maximum Load: 600 Ohms Resistive.
Case: Isolated.

Environmental Specifications:

Operating Temp.: -20°C to +80°C (-4°F to +176°F).
Storage Temp.: -55°C to +125°C (-67°F to +257°F).
Relative Humidity: 0 - 95% Non-Condensing.

Mounting:

32 mm (G style) or 35 mm (T style) DIN Rail.

Ordering Information

CMCP575-(aa)-(bbb)-(cc)
(aa) Input
01, Output From Eddy Current Probe System
02, Hall Effect Sensor (Proximity Switch)
(bbb) Counts per Revolution
001, 1 Event per Shaft Revolution
060, 60 Event per Shaft Revolution
120, 120 Event per Shaft Revolution
XXX, Specify Exact Number of Events
(cc) Full Scale
01, 0-1000 RPM
02, 0-2000 RPM
05, 0-5000 RPM

CMCP575PO-(aa)-(bbb)-(cc)
(aa) Input
01, Output From Eddy Current Probe System
02, Hall Effect Sensor (Proximity Switch)
(bbb) Counts per Revolution
001, 1 Event per Shaft Revolution
060, 60 Event per Shaft Revolution
120, 120 Event per Shaft Revolution
Specify, Specify Exact Number of Events
(cc) Full Scale
01, 0-1000 RPM
02, 0-2000 RPM
05, 0-5000 RPM
XX, Specify Full Scale in RPM's

www.cmcpweb.com