



## CMCP575 Speed Transmitter



- Low Cost
- Din rail mount
- 4-20 mA 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.

### 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-(aaa)-(bbb)-(cc)**

#### (aa) Input

01, Output From Eddy Current Probe System  
02, Hall Effect Sensor (Proximity Switch)

#### (bb) 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

www.cmcweb.com

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