



PT2060/80 CM Condition Monitoring Module

PredicTech's PT2060/80 CM condition monitoring module is a 24 channels data collector, and processing unit. Each of the PT2060/80 module can accept any signal input from the signal module, analyze it, and output via the Ethernet port. PT2060/80 module can realize the following function:

- ✓ Dynamic data processing
- ✓ Transient data processing
- ✓ Interface to PCM360 condition monitoring software and database system

Each PT2060 can hold up to two PT2060/80 CM modules. Thus each rack can process up to 48 channels of input signals. Enough to cover all the channels on the rack. No additional hardware or processors are required.

PT2060/80 will process and output the following:

- ✓ Waveform
- ✓ Spectrum
- ✓ Waterfall
- ✓ Bode
- ✓ Polar

- ✓ Cascade

PT2060/80 CM module has on board status indication. There are three LED that displays different status of the monitoring channels.

- ✓ A steady OK/TX LED indicates that both the module and the proximity probe systems in the field are working OK. IF the OK/TX LED flash with about one second frequency, it indicates A. channel is OK and B. The digital communication between the channel and the system are working properly.

Specifications

Electrical

Power supply:

Internally converted by the rack power supply module.

8.0W total typical for this module.

Signal Input:

Up to twenty-four channels.

Buffered Output:

On the back panel, all 24 channels will have its own buffered output. The output is the unfiltered raw signal.



PT2060 Monitor

Output impedance: 500 Ω .

LED Indicators:

OK/TX: green

CE Marks

Each monitor module will include a CE approval in terms of EMC conformity.

Dimension:

one slot on the rack. It can be mounted anywhere except the four slots on right hand side of the rack.

Weight: 1.0 kg (2.0 lb).

Ordering Information

Environmental

Temperature:

Operation: -20°C ~ +65°C.

Storage: -40°C ~ +85°C.

Humidity:

95% non-condensing.

PT2060/80-AXX

AXX: Back-panel IO module

A00: Basic IO module

Physical

Each module comes with two components.

The front panel assembly and the back panel assembly.