**Two Channel Shaft Vibration Monitor System**

**PredicTech DM2201 Connection Layout**

- **COM**
- **P/A**
- **S/B**
- **A-4-20**
- **A-BUF**
- **B-P/A**
- **B-S/B**
- **B-4-20**
- **B-BUF**
- **RESET**
- **COM**
- **NC <**
- **ARM <**
- **NO <**
- **NC <**
- **ARM <**
- **NO <**

**Notes**

- Use good quality “Instrument Cable” 3-conductor shielded. Maximum recommended cable length is 1000’.
- Extension cables come in various lengths to suit the probe drive an proximity probe cable; cable can be supplied with or without armor.
- PredicTech offer a wide range of proximity probes and configurations, including: 5mm, 8mm, 11mm & 25mm; standard or reverse thread, w/ armored or wo/ armored integral cable.
- See PredicTech proximity probe manual for suggestions as to how to properly install & adjust sensors.
- See PredicTech DM2201 Manual for wiring of 4-20 ma outputs, buffered signal outputs, and SPDT alarm and shutdown contacts.

**Bill of Material**

- 1 x **PredicTech Model DM2201-Axx-B01 Dual Channel Vibration Monitor** *(calibration tbd.)*
- 2 x **PredicTech Model TMO 182-xx-xx-xx Probe Driver** (200 mv/mil sensitivity)
- 2 x **PredicTech Model TMO181-xxxx-xxxx-xx Extension Cable** (4.0M, 4.5M, 8.0M or 8.5M length to suit) (extension cable plus probe cable must equal 5.0 M or 9.0 M)
- 1 x **PredicTech Model TMO105-xx-xx-xx-xx-xx 5mm Proximity Probe** *(1/4-28UNF)* c/w with integral cable

**Options**

- > 8mm, 11mm & 25 mm threaded probes
- > 4-20 ma transmitters & switches
- > we can match existing probe systems
- > high density rack system

**PredicTech DM2201 Radial Shaft Vibration Monitor System**

**DRWG#: SP-ED-2201**

**By: ACF** **Date: 4/1/07**