3701/40 PAS INPUT MODULE

Product Data Sheet

3701/40 177988-01

Proximity acceleration seismic interface

DYNAMIC INPUT CHANNELS	DEDICATED SPEED INPUT	ADDITIONAL KEYPHASOR SELECTION	PROXIMITY FAMILIES
Six	**Channel 7**	**Channels 1-6; single event/rev below 10000 rpm**	**3300 XL 8 mm, 11 mm and NSv**

Bently Nevada 3701/40 177988-01 is the Prox Accel Seismic input module for the ADAPT 3701/40 monitor. The PAS execution connects compatible proximity, acceleration and Seismoprobe velocity signals to the monitoring processor, with six dynamic channels and a seventh speed-reference channel.

01 TECHNICAL DATA

Dynamic input channels	Six
Dedicated speed input	Channel 7
Additional Keyphasor selection	Channels 1-6; single event/rev below 10000 rpm
Proximity families	3300 XL 8 mm, 11 mm and NSv
Legacy proximity support	3300 RAM and listed 7200 interfaces
Acceleration sensors	330400 and 330425
High-temperature acceleration	330450 or 350501 with applicable interface
Seismic velocity sensors	9200, 74712, 47633 and 86205
Dynamic-pressure interface	Three-wire Com/Signal/-24 V DC
Pressure-sensor pairing	350500 DPCA

02 ADDITIONAL PRODUCT DATA

Speed pickup selection	Magnetic pickup or Proximitor
Position channel modes	Radial vibration, thrust and position
Operating temperature	-30 to +65 degC
Storage temperature	-40 to +85 degC
Humidity	0-95% noncondensing

03 PRODUCT FUNCTION

The manufacturer lists 3300 XL proximity families, 330400/330425 accelerometers and seismic velocity sensors including the 9200 and 74712. Its dynamic-pressure arrangement uses a three-wire common/signal/-24 V interface. These input choices distinguish PAS from the PAV interface used for Velomitor velocity sensors.

04 SYSTEM COMPATIBILITY

Assign channels 1-6 to the approved acceleration, dynamic pressure, proximity, thrust, position or seismic velocity mode. Channel 7 provides the documented magnetic-pickup or Proximitor speed function; additional Keyphasor use on a dynamic channel has specific single-event and speed restrictions.

05 REFERENCE

Bently Nevada 3701/40 ADAPT Monitor, 103M2037 Rev. K.

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