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Find the *Bustec 3150-AA* at our website: *Click HERE*

bustec
WHEN ACCURACY MATTERS

ProDAQ Data Acquisition Function Cards

ProDAQ 3901 Voltage Reference Monitor/Input Function Card



OVERVIEW

The ProDAQ 3901 function card is an I/O card for the voltage reference distribution network on the ProDAQ motherboards. It can be used to monitor the optional ProDAQ 3201 voltage reference module fitted to a ProDAQ motherboard. This, together with an ultra high-precision calibrated voltage meter or digital multimeter (DMM), allows for calibration of the internal voltage reference module.

In cases requiring even higher precision or stability than the ProDAQ 3201 voltage reference module can provide, an external voltage standard can be fed to the voltage reference distribution network within the motherboard.

Features & Benefits

- **Monitoring** of onboard **ProDAQ voltage reference**
- Allows for **calibration** of **internal voltage reference module**

For more information, visit **www.bustec.com**.

Learn more about the **ProDAQ 3901** on our website by scanning the code below.

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SPECIFICATIONS

INPUT/ OUTPUT CHARACTERISTICS

Number of IOs	2, ± V*ref*
Output Voltage	As generated by the internal voltage reference card
Input Voltage	< ± 10 Volt Peak-to-Peak (only if no voltage reference card is fitted on the ProDAQ motherboard)
Input/Output Impedance	5 Ω / 200 pF
Input/Output Coupling	DC

FRONT PANEL I/O

Connector	50-pin SCSI female

PHYSICAL CHARACTERISTICS

Dimensions	235 mm x 53 mm
Weight	< 60 g

POWER REQUIREMENTS

Power Consumption	0 W

ENVIRONMENTAL

Temperature	0°C to +50°C (operational) -40°C to +70°C (storage only)
Humidity	10% - 90% (non-condensing)

SOFTWARE SUPPORT

Driver support for Microsoft Windows, VxWorks, and Linux
(Contact Bustec Ltd. for more information)

WARRANTY PERIOD

12 months (extended periods available at additional cost)

Ordering Information

- **3901-AA** Voltage reference monitor/input function card

Related Products

- **6100-xx** LXI function card carrier
- **3180-AA** Ultra-performance motherboard module
- **3201-AA** Programmable voltage reference card
- **5010-AA** Signal conditioning unit
- **5421-AA** 24-ch terminal card, direct input
- **8010-AA** 0.5m SCSI cable

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