

**PAD-V8-P****8 channel voltage module**

- **Input channels:** 8 differential input channels
- **Bandwidth:** 6 Hz (Revision 6.00 or higher)
- **Isolation:** 350 V<sub>DC</sub>
- **Signal connection:** 25-pin SUB-D connector

**Module specifications (for revision 6.00 or higher)**

PAD-V8-P	
Input channels:	8 differential input channels
Input signals:	
Voltage:	±100 mV, ±150 mV, ±500 mV, ±1 V, ±2.5 V, ±5 V, ±10 V, ±50 V, -0.15 to +1.5 V
Current:	With external shunt resistor
Resolution:	10 µV for all ranges
Sampling rate:	Max. 12 Hz per channel
Readout speed:	Typ. 80 ch/sec.*
DC accuracy:	±0.02 % of reading ±900 µV
Bandwidth (-3 dB):	6 Hz (±1.5 dB @ f <sub>0</sub> )
Isolation voltage:	350 V <sub>DC</sub> (channel to channel and input to output)
Overvoltage protection:	150 V <sub>DC</sub>
Common mode voltage:	350 V <sub>DC</sub> / 250 V <sub>AC</sub> @ 50 Hz
NMR:	120 dB @ 50/60 Hz
CMRR:	140 dB @ DC, 120 dB @ 50 Hz
RS-485 interface:	Yes
Interface speed:	9600 bps (2400 to 115200)
Power supply voltage:	±9 V <sub>DC</sub> (±10 %)
Power consumption:	Typical 0.6 W
*) Depending on system and number of channels	