

DAQN-V-OUT

- **Input ranges:**
- **Bandwidth:**
- **Isolation:**
- **Signal connection:**

Isolated voltage output module

± 10 V
 400 Hz
 $1500 V_{RMS}$
 Banana sockets
 BNC socket
 9-pin SUB-D socket



Module specifications

	DAQN-V-OUT
Input voltage ranges	± 10 V
Input voltage maximum	± 36 V (no damage)
Input resistance	50 MOhm
Output voltage range up to	up to ± 10 V (depending on DAC output of DAQ card)
Over range capability	5 % @ 10 V output
Output drive	50 mA max.
Output resistance	0.5 Ohm
Output current under fault, max	75 mA
Output protection transient	ANSI/IEEE C37.90.1-1989
CMV, output to input, continuous	$1500 V_{RMS}$ max.
Transient	ANSI/IEEE C37.90.1-1989
CMRR (50 / 60 Hz)	110 dB
Accuracy	± 0.05 % span (0 to 5 mA load)
NMR (-3 dB @ 400 Hz)	100 dB per decade above 400 Hz
Nonlinearity	0.02 % span
Stability	
Offset	± 25 ppm/ $^{\circ}$ C
Span	± 20 ppm/ $^{\circ}$ C
Noise	
Output ripple, 1 kHz bandwidth	2 mV _{pp}
Bandwidth (-3 dB)	400 Hz
Power supply voltage	9 V _{DC} ± 5 %
Power supply current	350 mA full load, 135 mA no load
Power supply sensitivity	± 12.5 ppm/%