

DAQN-AIN

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

Direct input module

Voltage signals up to ± 10 V with overvoltage protection

Typ. 35 kHz (High input protection)
Full system bandwidth (Low input protection)

none

Safety banana sockets
BNC socket
9-pin SUB-D socket

**Module specifications**

DAQN-AIN	
Input signal	1:1 voltage input to A/D board; single ended
Accuracy	According to A/D board
High input protection	
Max. input voltage	± 10 V, higher voltages up to ± 500 V will be cut off
Max. output voltage	± 10 V
Accuracy	Typ. better than ± 0.25 %
Bandwidth (-3 dB)	Typ. 35 kHz (± 1.2 dB @ f_0)
Low input protection	
Max. input voltage	± 10 V, higher voltages will destroy the protection resistor
Max. output voltage	± 10 V
Accuracy	Typ. better than ± 0.02 %
Bandwidth (-3 dB)	Full system bandwidth
Protection resistor	10 Ohm
Isolation	none
RS-485 interface	No
Power supply	± 9 V