

NEX[DAQ] RUGGED & COMPACT

NEX[DAQ] is the flexible "everyday tool" for all test and validation engineers and troubleshooters. Small, lightweight & very rugged: the 8-channel NEX[DAQ] with universal inputs and a great price-performance ratio.



IP 67



FANLESS



-20 °C TO
+70 °C

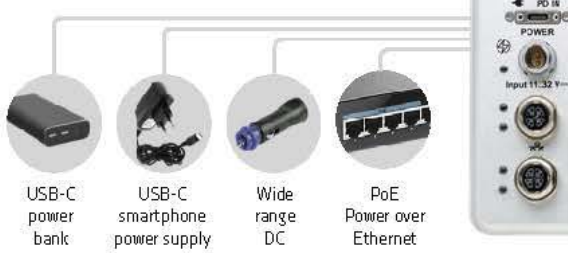
INPUT SIGNALS



	NEX[DAQ]
Analog input	8 inputs for voltage up to ± 100 V and full/half bridge, TEDS and MSI support
Further input types, via MSI	IEPE, quarter bridge, charge, RTD, LVDT, thermocouple, 0 to 20 mA, voltage up to ± 1000 V
Sampling rate	24-bit, 200 kS/s or 1 MS/s per channel
Accuracy	± 0.05 % of reading, ± 0.02 % of range ± 50 μ V
Hardware filter	Butterworth and Bessel, 2 nd , 4 th , 6 th or 8 th order
Sensor excitation	1 V to 24 V, freely programmable
Counters, digital I/O	4 advanced counters and 8 basic counters/digital inputs, 4 digital outputs
CAN-bus	2 interfaces for CAN2.0 and CAN-FD
Interface to host PC	USB-C or Ethernet
Power	9 to 36 V
Power supply buffer	Buffered for 0.5 s in case of a voltage drop
Dimensions (W x D x H)	242 x 120 x 43,3 mm (9.52 x 4.72 x 1.7 in.)
Weight	1.25 kg (2.76 lb.)
Synchronization	Via Ethernet PTP/IEEE1588
Topology	Daisychain, Star

POWER SUPPLY OPTIONS

The NEX[DAQ] offers multiple power options for easy and worry-free use in any situation.



HIGHER CHANNEL COUNTS

Simply daisy-chain multiple rugged NEX[DAQ]s into a multi-channel system. A single cable is sufficient for data transfer and synchronization via Ethernet PTP/IEEE1588.

