



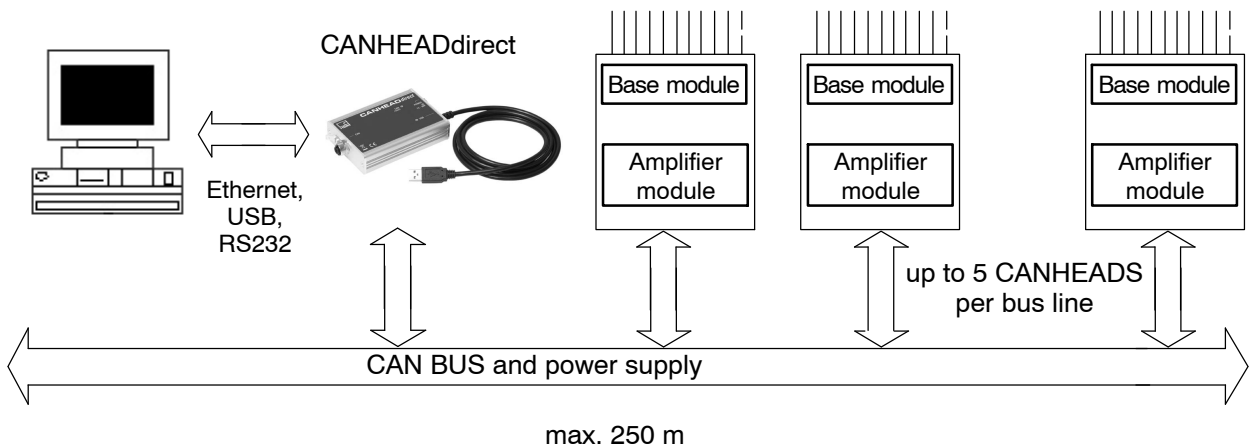
Special features

- USB interface module for direct connection of up to 5 CANHEAD amplifiers to a PC
- Data acquisition on small- and medium-scale mechanical structures
- Configuration of the measurement chain at minimal expense
- Functionality check via LEDs
- Voltage supply via external power supply unit

Distributed measurement acquisition

CANHEAD amplifier modules for individual SGs or transducers

10 measuring channels per module



Technical Data

USB interface module CANHEADdirect

CAN-USB-interface				
Protocol		CAN 2.0B		
Baud rate	kBaud	250		
Line length	m	250		
Hardware bus link individually selectable for each CAN interface		ISO 11898		
Maximum bus length (without branches) ^{1.)}		120 Ohm; 2.5 V P=1.8W/CANHEAD	350 Ohm; 2.5 V P=1.15W/CANHEAD	700 Ohm; 2.5 V 1000 Ohm; 2.5 V P=1.0W/CANHEAD
Power consumption for 5 CANHEAD modules	W	10		
No. of CANHEAD		Bus length, max.		
5		220		
4		250		
3	m	250		
2		250		
1		250		
Measurement recording				
Max. number of CANHEAD modules		5		
Number of sub-channels		10 ... 50		
CANHEAD power supply				
Supply voltage	V	10 ... 302		
Supply current, max.	A	1		
Mechanical values				
Nominal (rated) temperature range	°C	-20 ... +60		
Operating temperature range	°C	-20 ... +60		
Storage temperature range	°C	-25 ... +70		
Dimensions (L x W x H)	mm	120 x 70 x 25		

¹⁾ Thin Media Cable (0.38 mm²) at 45°C ambient temperature

Order number: 1-CANHEAD-DIRECT

Specifications Power pack NTX001

NTX001		
Nominal input voltage (AC)	V	100 ... 240 (± 10%)
Stand-by power consumption at 230 V	W	0.5
Nominal load		
U _A	V	24
I _A	A	1.25
Static output characteristics		
U _A	V	24 ± 4%
I _A	A	0 – 1.25
U _{Br} (Output voltage ripple; peak to peak)	mV	≤ 120
Current limiting, typically from	A	1.6
Primary – secondary separation		galvanically, by optocoupler and converter
Creep distance and clearance	mm	≥ 8
High-voltage test	kV	≥ 4
Ambient temperature range	°C [°F]	0... +40 [+32 ... +104]
Storage temperature	°C [°F]	-40 ... +70 [-40 ... +158]

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