

Special features

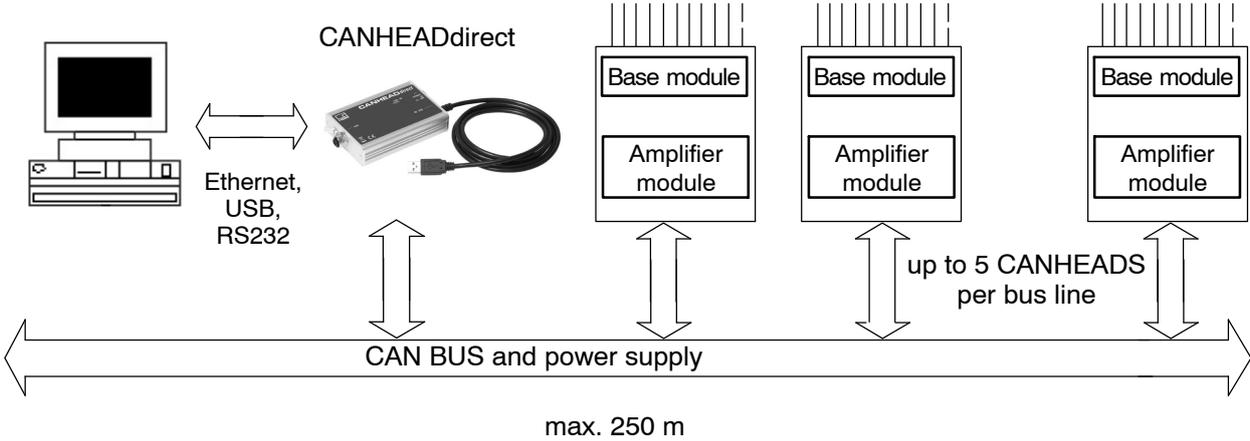


- USB interface module for direct connection of up to 5 CANHEAD amplifiers to a PC
- Data acquisition on small- and medium-scale mechanical structures
- Configuration of the measurement chain at minimal expense
- Functionality check via LEDs
- Voltage supply via external power supply unit

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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HOTTINGER BALDWIN MESSTECHNIK GmbH
Postfach 10 01 51, D-64201 Darmstadt
Im Tiefen See 45, D-64293 Darmstadt
Tel.: 061 51/ 8 03-0; Fax: 061 51/ 8039100
E-mail: support@hbm.com www.hbm.com



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