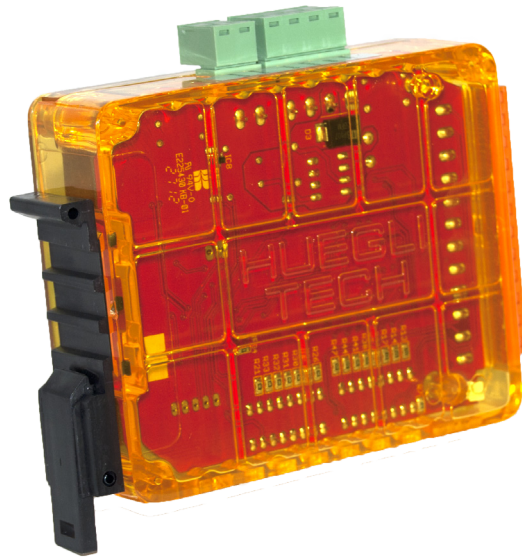


## HT-CL-AIN8Temp

### Common features

- 8 differential inputs
- communication by CAN bus (supports div. protocols)
- communication by Modbus RTU RS485
- power supply 7-30 VDC
- -40°C - +85°C
- DIN Rail 35mm



## CuteLine Analogue Inputs for Temperature Sensors

**A universal usable input module to expand by 8 analogue inputs.**

When the main controller does not have enough inputs and outputs you can expand them by adding a CuteLine module.

By using of the regular configuration software you simply add and embed it into your control system.

With the communication options of CAN bus and Modbus RTU the connection to the main controller is very simple.

## Technical Data

Power Supply.....	7-30VDC, Reverse Polarity Protected	
Current Consumption.....	40mA with 24VDC Input 25°C	
Number of Inputs .....	8, differential	
Sensor Types/Range	Thermocouple Type K.....	0 - 850°C (32 - 1562°F)
	Thermocouple Type J.....	0 - 635°C (32 - 1175°F)
	Thermocouple Type L.....	0 - 620°C (32 - 1148°F)
	Pt100 (RTD).....	0 - 300°C (32 - 572°F)
	NI100.....	0 - 160°C (32 - 320°F)
Resolution.....	1°	
Accuracy.....	Thermocouples: 0.7% of Full Scale Reading @ 25°C	
	RTD: 1.2% of Full Scale Reading @ 25°C	
Calibration.....	Factory Calibrated	
Communication Supported Protocols .....	Can Bus IS/IG/IC/IL	
	Can Bus HT Controller	
	Can J1939	
	Mod Bus RTU	
Operational Temperature.....	-40 to +85 oC (-40 to +185oF)	
Storage Temperature.....	-40 to +85 oC (-40 to +185oF)	
Relative Humidity.....	5 to 95%, Non-condensing	
Dimension (including terminal blocks).....	30 x 110 x 94 mm	
Weight (including terminal blocks).....	190g	
Wire Size.....	22 to 12 AWG	
Mounting.....	DIN Rail 35 mm	

## Order codes

- HT-CL-AINT01-00 .....Analogue input temp module
- HT-CL-AINU01-00.....Analogue input volt/curr module
- HT-CL-AOUT01-00.....Analogue output volt/curr module
- HT-CL-BIN01-00.....Binary input module
- HT-CL-BOU01-00.....Binary output module



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