

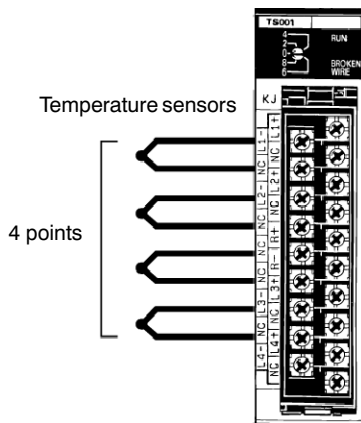
Using Input from thermocouples or resistance thermometers (up to 4 inputs) the Module converts the measured temperatures into BCD or binary data and stores them in the allocated relay area every cycle. The data can be transferred to the DM area or other memory locations using the ladder program.

■ Features

- Input directly from up to four temperature sensors of the same kind with one range setting.
- Analog-digital conversion speed ideal for slower processes: 4.8 seconds max. for 4 points.
- Line disconnection detection provided.

Note: Temperature sensor terminals are also available on DeviceNet slave. Further information is available on these in the CS1 Industrial Networking and communications section of this catalog.

■ System Configuration



Temperature Sensor Modules

■ Specifications

Model		C200H-TS001	C200H-TS002	C200H-TS101	C200H-TS102	
Classification		C200H Special I/O Modules				
Module numbers		0 to 9	0 to 9	0 to 9	0 to 9	
Inputs		4 pts				
Input signals	Thermocouples	K	Yes	Yes	---	---
		J	Yes	---	---	---
		L	---	Yes	---	---
		R	---	---	---	---
		S	---	---	---	---
		T	---	---	---	---
		E	---	---	---	---
		B	---	---	---	---
		N	---	---	---	---
		W	---	---	---	---
		U	---	---	---	---
		PLII	---	---	---	---
		±80 mV	---	---	---	---
	Resistance thermometers	JPt100	---	---	Yes	---
PT100		---	---	---	Yes	
Ni508.4Ω		---	---	---	---	
Input signal range settings		One setting for all 4 pts				
A/D conversion output data		4-digit BCD				
Conversion speed		4.8 s max. (when 4 pts are set for Module)				
Overall accuracy		±1% + 1°C				
Connections		Terminal block				