

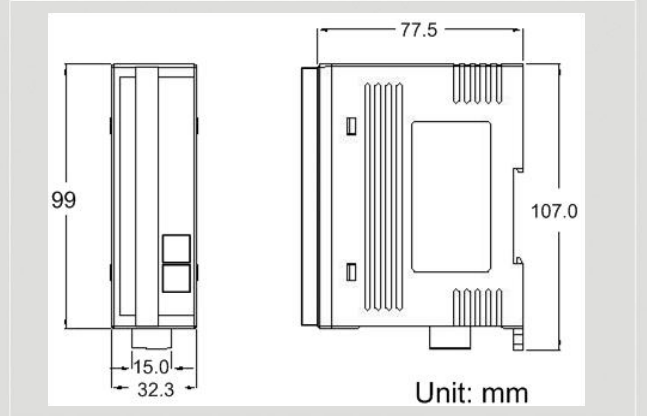


# DeviceNet Series Products

## 8-channel RTD Input Module of DeviceNet Slave



**CAN-2015D**



**Dimensions**

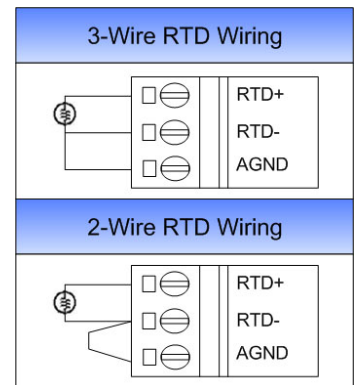
The CAN-2015D follows DeviceNet specification Volume I/II, Release 2.0. User can access the RTD input status and set the configuration via DeviceNet EDS file. This module has 8 differential RTD input channels. By the DeviceNet masters of ICP DAS, you can quickly build a DeviceNet network to approach your requirements.

### Features

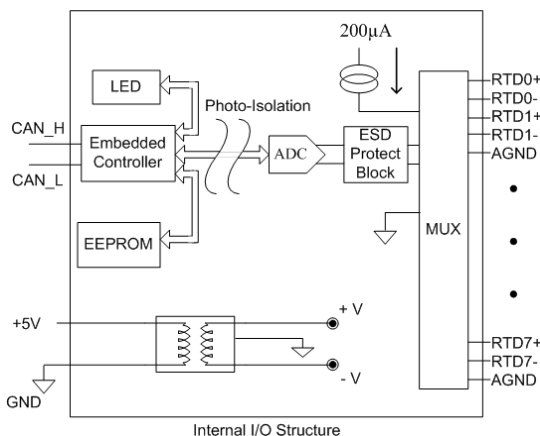
- DeviceNet general I/O slave devices
- Comply with DeviceNet specification Volume I, Release 2.0 & Volume II, Release 2.0, Errata 5
- Group 2 Only Server (non UCMM-capable)
- Support Predefined Master/Slave Connection Set
- Connection supported:
  - 1 connection for Explicit Messaging
  - 1 connection for Polled I/O
  - 1 connection for Bit-Strobe I/O connection
- Support DeviceNet heartbeat and shutdown messages
- Provide EDS file for DeviceNet master interface

### I/O Pin & Wire Connection

Terminal No.	Pin Assignment
01	RTD0+
02	RTD1-
03	RTD1+
04	RTD1-
05	AGND
06	RTD2+
07	RTD2-
08	RTD3+
09	RTD3-
10	AGND
11	RTD4+
12	RTD4-
13	RTD5+
14	RTD5-
15	AGND
16	RTD6+
17	RTD6-
18	RTD7+
19	RTD7-
20	AGND



### Internal I/O Structure



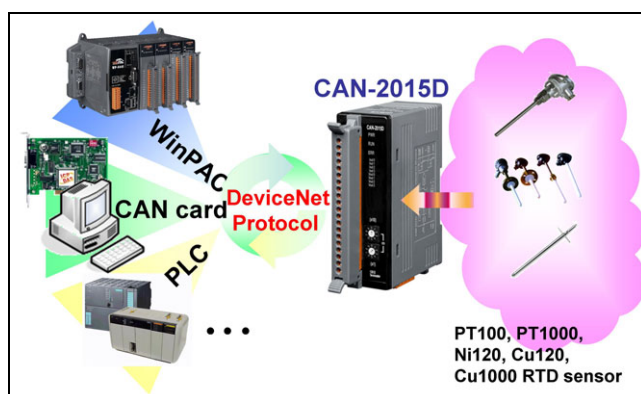
### CAN Pin & Baud Rate Rotary

CAN_V+	Pin 5	<p>Baud rate rotary switch</p> <table border="1"> <thead> <tr> <th>Switch Value</th> <th>Baud Rate</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>125 kbps</td> </tr> <tr> <td>1</td> <td>250 kbps</td> </tr> <tr> <td>2</td> <td>500 kbps</td> </tr> </tbody> </table>	Switch Value	Baud Rate	0	125 kbps	1	250 kbps	2	500 kbps
Switch Value	Baud Rate									
0	125 kbps									
1	250 kbps									
2	500 kbps									
CAN_H	Pin 4									
CAN_SHLD	Pin 3									
CAN_L	Pin 2									
CAN_GND	Pin 1									

## Hardware Specifications

CAN Interface	
DeviceNet Specification	Volume I, Release 2.0 & Volume II, Release 2.0, Errata 5
DeviceNet subscribe	Group 2 Only Server
Connection supported	1 connection for Explicit Messaging 1 connection for Polled I/O 1 connection for Bit-Strobe I/O
Node ID	0~63 selected by rotary switch
Baud Rate (bps)	125 kbps, 250 kbps, 500 kbps
Heartbeat/Shutdown message	Yes
Terminator Resistor	Switch for 120 Ω terminator resistor
Analog Input	
Channels	8 Differential
Input Type	Pt100, Pt1000, Ni120, Cu100, Cu1000
Resolution	16-bit
ESD Protection	4 kV Contact for each channel
LED	
Round LED	PWR LED, NET LED, MOD LED
I/O LED	8 LEDs as RTD input, and 1 LED as terminal resistor indicator
Power	
Input range	Unregulated +10 ~ +30 V <sub>DC</sub>
Power Consumption	1.5 W
Mechanism	
Installation	DIN-Rail
Dimensions	32.3 mm x 99 mm x 77.5 mm (W x L x H)
Environment	
Operating Temp.	-25 ~ 75 °C
Storage Temp.	-30 ~ 80 °C
Humidity	10 ~ 90% RH, non-condensing

## Applications



## Ordering Information

**CAN-2015D**

DeviceNet module of 8-channel Differential RTD Input