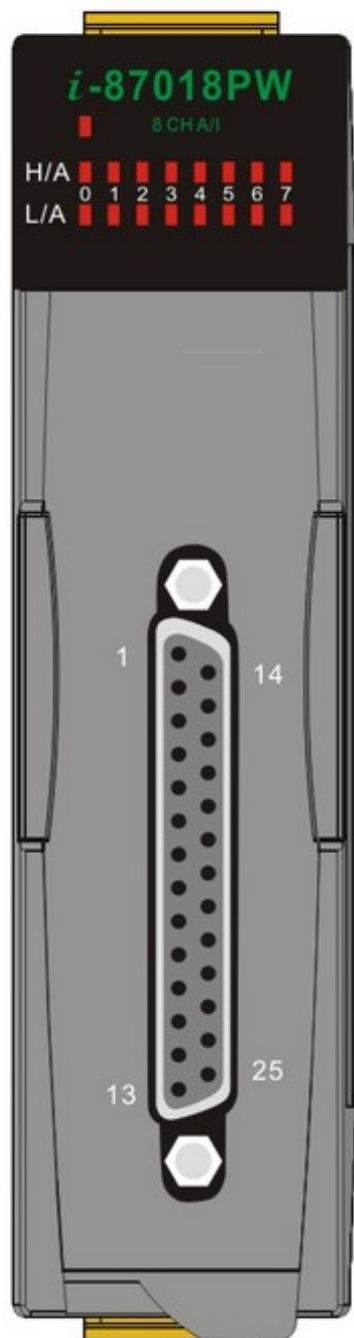


I-87018PW Specification

Analog Input	Input Channel	8 differential input channels
	Input Type	+/- 15mV, +/- 50mV, +/- 100mV +/- 500mV, +/- 1V, +/- 2.5V +/- 20mA (with external 125 Ohms resistor) Thermocouple : J, K, T, E, R, S, B, N, C, L, M, L2
	Sampling Rate	10 samples/second total
	-3 dB BandWidth	15.7 Hz
	Accuracy	+/-0.1%
	Common Mode Rejection	150dB @ 50/60 Hz
	Normal Mode Rejection	100dB @ 50/60Hz
	Voltage Input Impedance	>400k Ohms
	Overvoltage Protection	240 Vrms
	Open T/C Detection	Yes
	Individual Channal Config.	Yes
	+/- 4 kV ESD Protection	Yes
	Intra-module Isolation	3000Vrms
LED Display	1 LED as Power/Communication indicator	
Power Consumption	Maximum : 0.7 W	

I-87018PW with DB-1820 Pin Assignment

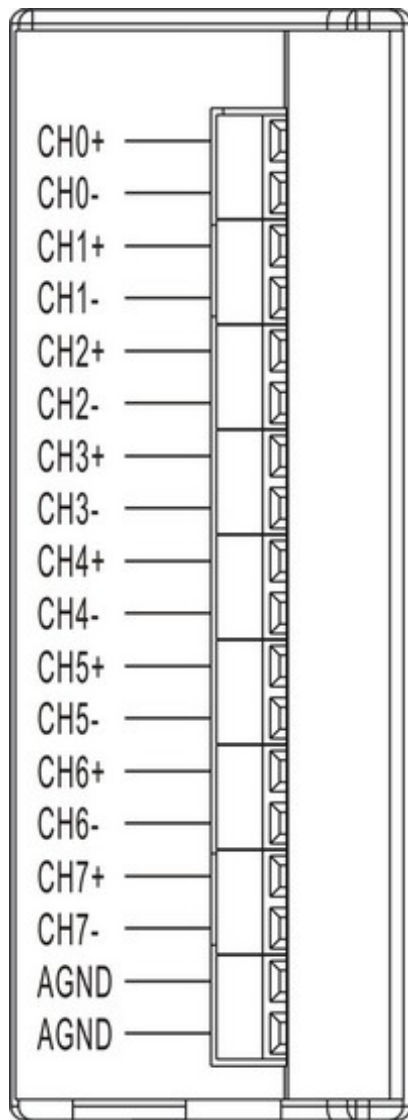
I-87018PW Pin Assignment



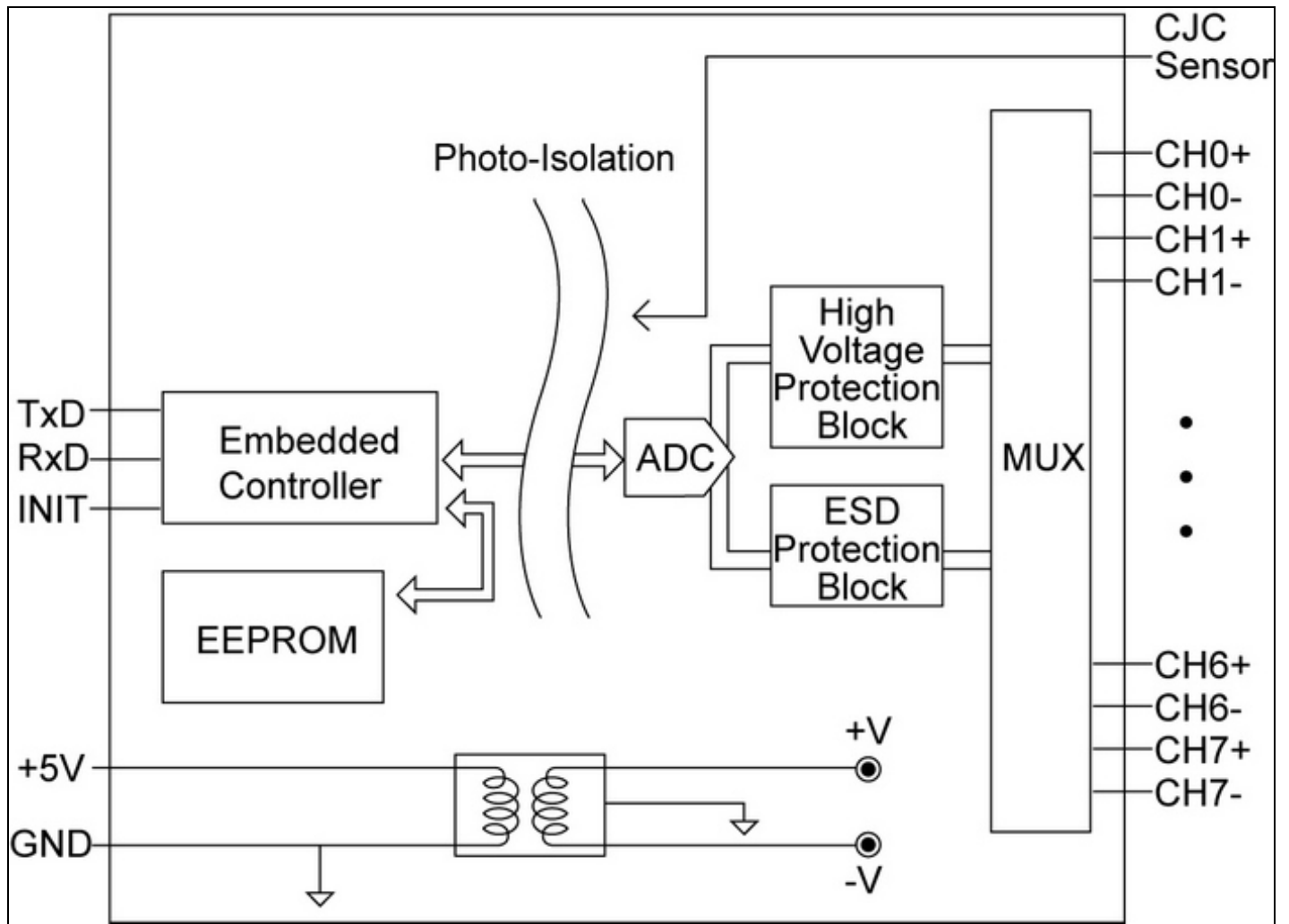
Pin Assignment	Terminal No.	Pin Assignment
+5V	01	
CJC	02	14 AGND
CH0-	03	15 CH0+
CH1-	04	16 CH1+
CH2-	05	17 CH2+
CH3-	06	18 CH3+
CH4-	07	19 CH4+
CH5-	08	20 CH5+
CH6-	09	21 CH6+
CH7-	10	22 CH7+
N.C.	11	23 N.C.
N.C.	12	24 N.C.
N.C.	13	25 N.C.
		Shield F.G.

25-pin Female D-Sub Connector

CN-1824 Pin Assignment



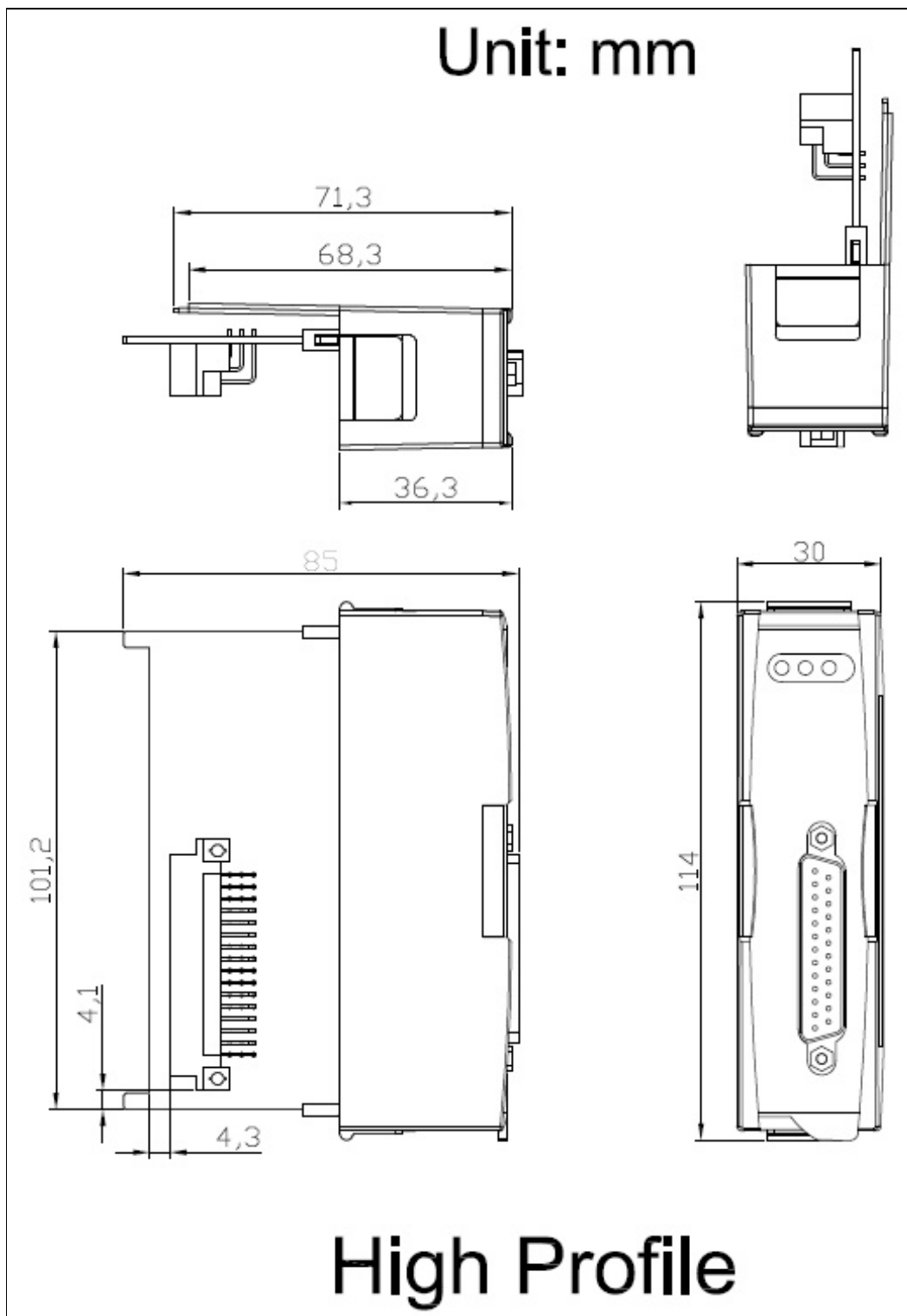
I-87018PW Block Diagram



I-87018PW with DB-1820 Wire Connection

Voltage Input Wiring	<p>mV/V \pm V</p>
Current Input Wiring	<p>125 Ω</p> <p>Note: When connecting to a current source, an optional external 125-Ohm resistor is required.</p>
Thermocouple Input Wiring	

I-87018PW Dimention



I-87018PW Default Setting

Configuration	Default Setting	Description
Type	05	-2.5V to +2.5V
Baudrate	0A	115200 bps
Format	00	60Hz rejection Checksum disable

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Last Modified 12/22/2010 03:39:47