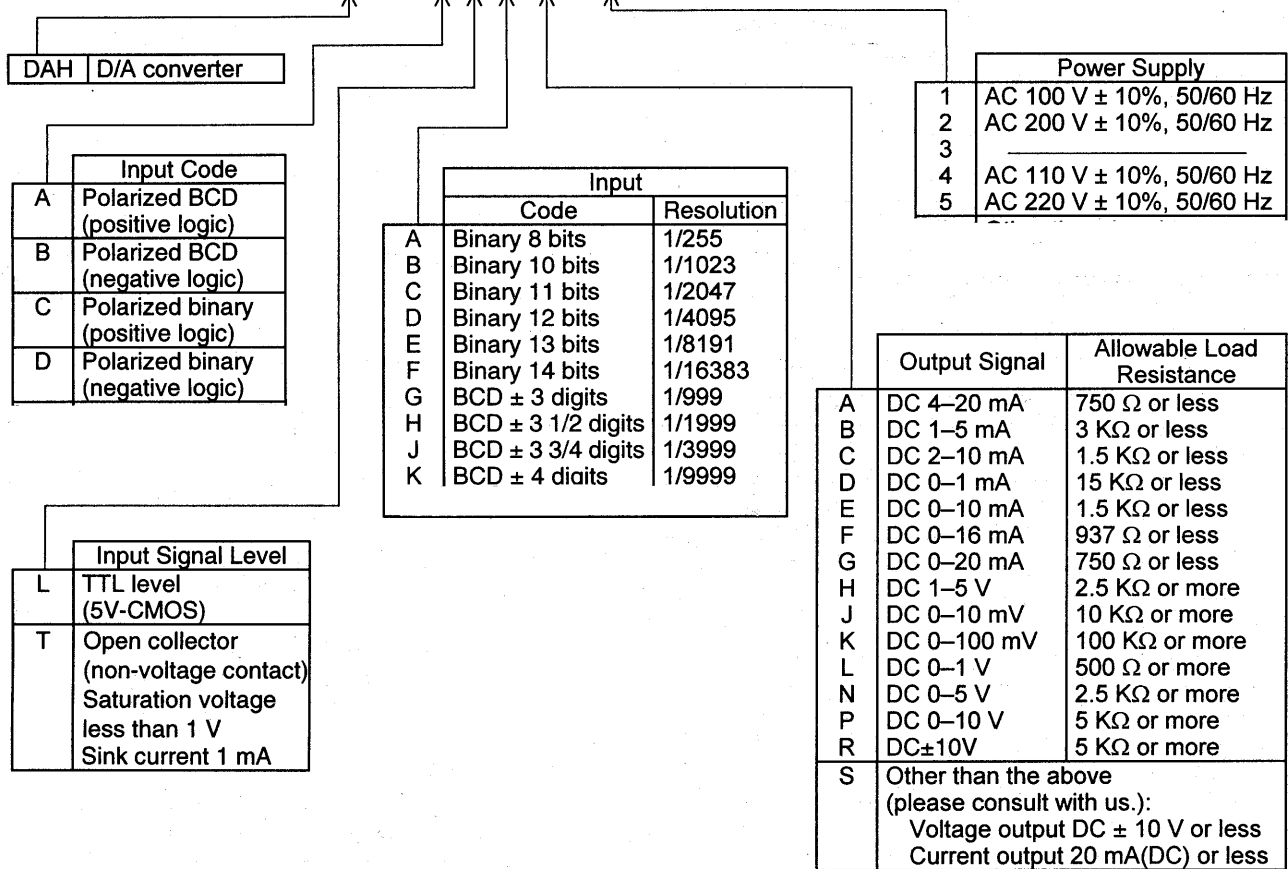


This unit converts parallel BCD signals or binary-code signals from a sequencer and computer, or gray-code signals from a rotary encoder, into analog DC signals. High-speed conversion and high resolution have been achieved through the use of a built-in microprocessor unit.

Features

- Input, output and power supply are isolated, with a dielectric strength of 2,000 VAC.
- Analog output and power supply are connected through plug-in sockets.
- Digital signal input can be coupled using a one-touch process through a connector.
- Despite its small size and light weight, this unit operates on AC power.
- Can be mounted on, or detached from, DIN rails using a one-touch process.

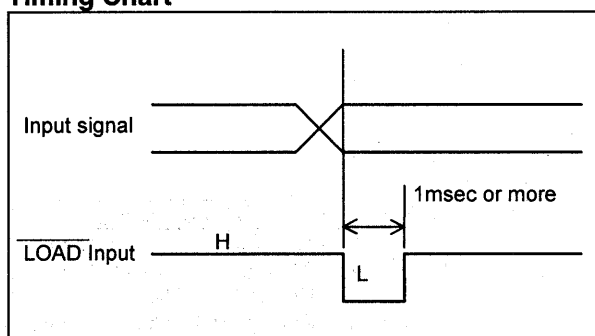
Model WVP - **DAH** - - -



Specifications

Input signal:	Parallel BCD, binary, gray
Output signal:	DC voltage, DC current
Accuracy:	$\pm 0.15\% \cdot fs$ (at 23°C)
Response time:	10 msec
Allowable load resistance:	Voltage output: Use the converter with a load current of 2 mA or less ($1\mu A$ or less for an output below $1 V \cdot fs$). Current output: Use the converter with a voltage drop of 15 V or less between output terminals.
Operating temperature and humidity:	0 to +55°C, 90% RH or less (without condensation)
Influence of ambient temperature:	$\pm 0.15\% \cdot fs/10^\circ C$
Insulation resistance:	100 MΩ or more with a 500 VDC megger between the input and output terminals, and between the input/output terminal and power supply terminal
Dielectric strength:	2,000 VAC for 1 minute between the input and output terminals, and between the input/output terminal and power supply terminal
Power consumption:	Approx. 4 VA (AC)
Zero & span adjustment:	$\pm 10\% \cdot fs$ each (multi-turn trimmer)
Accessories:	Flat cable, 1 m (with a connector on one end) WVP-FCA-10

Timing Chart



Polarized data is not held inside. If necessary, hold it outside.

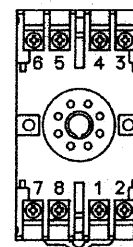
Pin and Terminal Assignment

Connector: MIL system 26-pin flat cable connector

Socket: 8PFA1

BCD Input Type				Binary Input Type			
Pin No.		Function		Pin No.		Function	
26	25	1	1	× 10 ⁰	17	COM	
24	23	2	2		18	COM	
22	21	3	4		19	NC	
20	19	4	8		20	POL	
18	17	5	1	× 10 ¹	21	LD	
16	15	6	2		22	NC	
14	13	7	4		23	NC	
12	11	8	8		24	NC	
10	9	9	1	× 10 ²	25	NC	
8	7	10	2		26	NC	
6	5	11	4				
4	3	12	8				
2	1	13	1	× 10 ³			
		14	2				
		15	4				
		16	8				

Binary Input Type			
Pin No.		Function	
1	B ₀	17	COM
2	B ₁	18	COM
3	B ₂	19	NC
4	B ₃	20	POL
5	B ₄	21	LD
6	B ₅	22	NC
7	B ₆	23	NC
8	B ₇	24	NC
9	B ₈	25	NC
10	B ₉	26	NC
11	B ₁₀		
12	B ₁₁		
13	B ₀		
14	B ₀		
15	NC		
16	NC		



No.	Symbol	Description	
1	OUTPUT	+	Output signal
2		-	
3			N.C.
4			
5			
6			
7	POWER	U	Power supply
8		V	