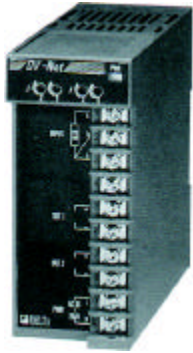


General Specifications

HIGH LOW SETTER



This is a converter which receives input of DC voltage and current transmitted from field instrument, regulator, etc and occurs alarm to relay contact output or open-collector output by setting high-limit value & low-limit value. It is used for effective interlock depending on process condition. Power adopt free voltage.

In the mounting method, you can freely select one between DIN RAIL mounting and WALL MOUNTING.

SPECIFICATIONS

ITEMS	DESCRIPTIONS	
INPUT	DC signal (Current input to be combined through the application of precise resistor shunt)	
OUTPUT	Open Collector	Relay Contact
OUTPUT RATING	DC24V 100mA	AC120V 1A, AC240V 0.5A, DC30V 1A
INPUT IMPEDANCE	More than 1MΩ	
ACCURACY	± 1% Max.	
TEMP. COEFFICIENT	± 0.015% / °C	
SETTING	Rotary Switch	
SETTING RANGE	0~99%	
HYSTERESIS	0.5~1.0%	
INSULATION RESISTANCE	Greater than 100MΩ at DC 500V	
DIELECTRIC-STRENGTH	Input-Power	AC1,000V
	Input-Output	AC1,000V
1 minute		
POWER SUPPLY	AC Driven	AC85~264V 50-60Hz
	DC Driven	DC 24V ± 10% 110mA
POWER CONSUMPTION	Less than 7VA	
AMBIENT-TEMP	-5~+55°C (20~130φ)	
HUMIDITY	Less than 90% RH (no condensation)	
LINEARIZER	Standard function	
CASE MATERIAL	ABS / PC	
COLOR	BLUE	
WEIGHT	About 300g	
DIMENSION	W42 x H96 x D101mm	
MOUNTING	WALL or DIN RAIL	
OUTPUT		
LOAD RESISTANCE	Refer to Attached Technical Sheet.	

ORDERING CODE

MODEL : DVHS -

INPUT SIGNAL

- 1 DC 0~1mA
- 2 DC 0~10mA
- 3 DC 0~16mA
- 4 DC 0~20mA
- 5 DC 1~5mA
- 6 DC 2~10mA
- 7 DC 4~20mA
- 0 Other Current (Less than 20mA)
- A DC 0~10mV
- B DC 0~100mV
- C DC 0~1V
- D DC 0~10V
- E DC 0~5V
- F DC 1~5V
- G DC -10~10V
- Z Other Voltage (Less than 12V)

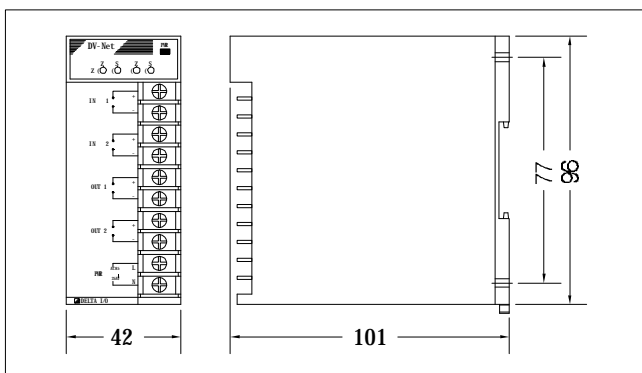
OUTPUT SIGNAL

- 1 Open Collector
- 2 Relay Contact

POWER SUPPLY

- 1 AC 100~240V
- 2 DC 24V

DIMENSION



WIRING DIAGRAM

INPUT		OUTPUT		POWER	
1	+	5	NC	9	L(+)
2	-		NO		10
3	NO	7	C	8	LOW OUTPUT
4	C		NC		