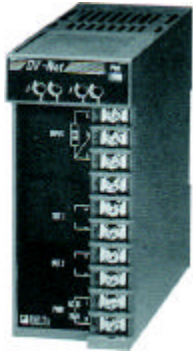


# General Specifications

# INTEGRATOR



This instrument linearizes duplicate characteristic as receiving input of signal in flow meter, etc and converts to pulse output through high accurate V/F conversion.

It is a high accurate converter which can use to flow totalizing system in combination with electronics total counter. 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 4~20mA, DC 1~5V or Others	
OUTPUT	Open Collector	0~10 Pulse/Sec 30V DC 50mA max.
	Relay Contact	0~1 Pulse/Sec 120V 0.5A max.
ACCURACY	± 0.3% Max.	
TEMP. COEFFICIENT	± 0.015% / °C	
LINEARITY	± 0.1% F.S	
REPEATABILITY	± 0.05% F.S	
RESPONSE TIME	Less than 2Sec (0~90%)	
INSULATION RESISTANCE	Greater than 100MΩ at DC 500V	
DIELECTRIC-STRENGTH	Input-Power	AC1,000V
	Input-Output	AC1,000V
POWER SUPPLY	AC Driven	AC85~264V 50-60Hz
	DC Driven	DC 24V ± 10% 110mA
POWER CONSUMPTION	Less than 7VA	
AMBIENT-TEMP	-5~+55°C (20~130p)	
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 : DVIN -

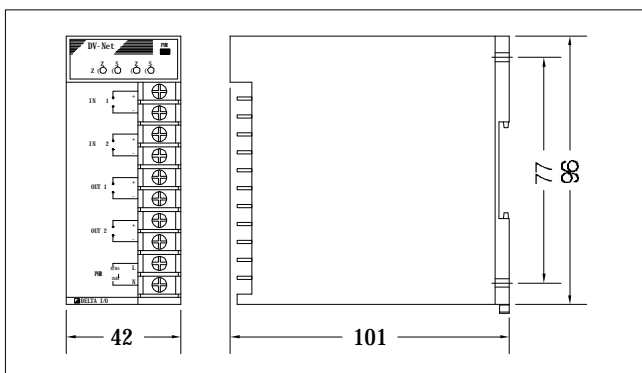
FUNCTION  
1 Square root  
2 Linearized

INPUT SIGNAL  
7 DC 4~20mA  
F DC 1~5V  
O Others

OUTPUT SIGNAL  
1 Open Collector (0~10 Pulse/Sec)  
2 Relay Contact (0~1 Pulse/Sec)

POWER SUPPLY  
1 AC 100V~240V  
2 DC24V

## DIMENSION



## WIRING DIAGRAM

INPUT		OUTPUT		POWER	
1	+	5	+	9	L(+)
2	-	6	-	10	N(-)
3	NC	7	NC		
4		8			