

General Specifications

4 ISOLATED OUTPUTS OPENING POSITIONING CONVERTER



This instrument is a high accurate converter which receives resistance signal ($100\Omega \sim 100K\Omega$) as input converts to DC current and voltage signal and is widely used for motor valve opening detector, pump stroke detector, etc. The range of adjustment is wide.

SPECIFICATIONS

ITEMS	DESCRIPTIONS	
INPUT	Resistance (from 100Ω to $100K\Omega$)	
OUTPUT	DC Current or DC Voltage Signal	
ACCURACY	$\pm 0.2\%$ Max.	
TEMP. COEFFICIENT	$\pm 0.015\% / \text{°C}$	
LINEARITY	$\pm 0.2\%$ F.S	
RESPONSE TIME	Less than 0.5sec (0-90%)	
ADJUSTMENT	Span	50 ~ 100%
	Zero	0 ~ 50 %
INSULATION RESISTANCE	Greater than $100M\Omega$ at DC 500V	
DIELECTRIC-STRENGTH	Input-Power	AC1,500V
	Each Outputs	AC1,500V
	Input-Ground	AC1,500V
	1 minute	
POWER SUPPLY	AC110V AC220V $\pm 10\%$ 50-60Hz 10VA	
AMBIENT-TEMP	$-5 \sim +55^{\circ}\text{C}$ (20~130 μ)	
HUMIDITY	Less than 90% RH (no condensation)	
LINEARIZER	Standard function	
CASE MATERIAL	AL	
COLOR	BLACK	
WEIGHT	About 1.3Kg	
DIMENSION	W90 x H90 x D180mm	
MOUNTING	WALL	
OUTPUT		
LOAD RESISTANCE	Refer to Attached Technical Sheet.	

ORDERING CODE

MODEL : D M O P -

INPUT

Resistance (from 100Ω to $100K\Omega$)

OUTPUT 1

7 DC 4~20mA

F DC 1~5V

G Others

OUTPUT 2

7 DC 4~20mA

F DC 1~5V

G Others

OUTPUT 3

7 DC 4~20mA

F DC 1~5V

G Others

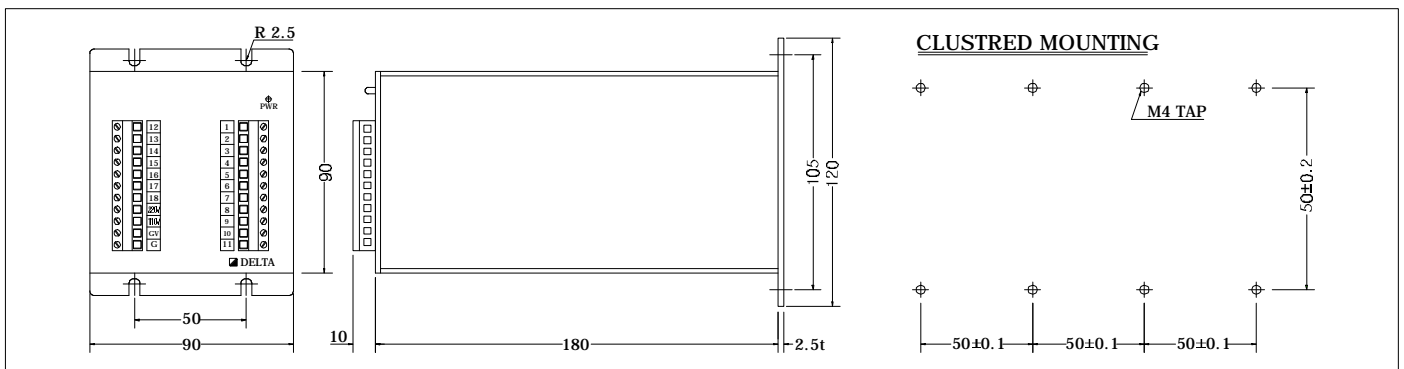
OUTPUT 4

7 DC 4~20mA

F DC 1~5V

G Others

DIMENSION



SCHEMATIC CIRCUITRY & CONNECTION DIAGRAM

