

Transmitter



Inputs

Voltage DC : 0-10mV, 0-50mV, 0-1V, 0-5V, 1-5V, 0-10V, 2-10V,
-10...+10V, 0-100V, 0-200V others by request.
Current DC : 0-1mA, 0-10mA, 0-20mA, 4-20mA, 10-50mA.
Transmitter : 4-20mA.
: With or without exciting source 24V dc 25mA.

Input impedance : >100 MOhm for <2V
> 1 MOhm for >2V
> 10 Ohm for current input
Max input range : <300Vrms for >2V ranges
<150Vrms for <2V ranges
<150mA for current ranges
Response time : 250msec. (0-90%)
Burden : max 0.15 VA
Typical overload : 1.5 x rated continuous
: 2 x rated for 10 seconds
: 4 x rated for 2 seconds

Output

Type : Analog
Voltage DC : 0-50mV, 0-1V, 1-5V, 0-10V others by request.
Current DC : 0-1mA, 0-10mA, 0-20mA, 4-20mA others by request.
Drive Capability : <10mA for voltage
: <10 V for current

Accuracy : $\pm 0.25\%FS \pm 1$ Digits.
Zero range : $\pm 5\%FS$
Span range : $\pm 10\%FS$
Temp. coefficient : 100ppm/°C (0-50°C)

Power supply : AC/DC 90-260V
: AC/DC 18 - 60V
: AC 110V or 220V 50/60Hz.
Consumption: : 3VA

Environmental conditions

Operating temperature : -10 °C to +60 °C
Storage temperature : -30 °C to +75 °C
Relative humidity : 95% max. no n-condensation
Enclosure : IEC 529 (IP52)

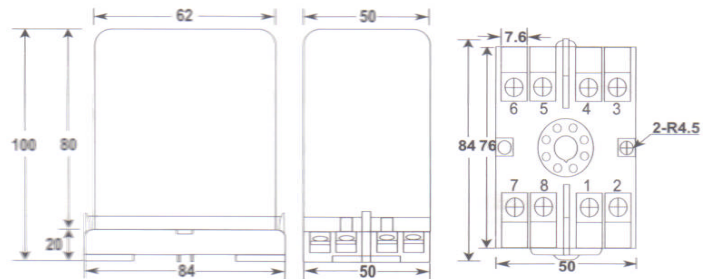
Insulation Test Voltage

Input _Output / Housing : AC 4 kV ANSI c37.90a, DIN-IEC255-4
Output _Housing : 500 V

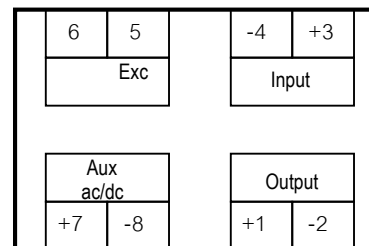
Mechanical characteristics

Material plastic : NORYL UL94 V-0 self extinguishing
Protection degree EN60529 : IP54 (front panel); IP20 (terminals)
Terminals : Screw type 2.5mm.
Front dimension : 84 x 100 x 50 mm.
Mounting : Din Rail
Weight : 450 g.

Dimensional Drawing.



Wiring Connection



ORDERING INFORMATION TD+X1+X2+X3

Example Ordering

Input 4-20mA Output 4-20ma Aux ac/dc 90-260V
Ordering code TD + 23 + I + B

X1	Input DC	X1	Input DC	X1	Input DC	X1	Input DC	X2	Output DC	X2	Output DC	X3	Aux. Supply
10	0-10mV	15	0-10V	20	0-1mA	25	4-20mA	A	0-50mV	F	0-1mA	A	AC/DC18-60V
11	0-50mV	16	2-10V	21	0-10mA	29	Others by request	B	0-1V	G	0-10mA	B	AC/DC90-260V
12	0-1V	17	-10...+10V	22	0-20mA		Exciting DC24V 25mA For external sensor or two wire transmitter	C	1-5V	H	0-20mA	C	AC 110V(50/60Hz)
13	0-5V	18	0-100V	23	4-20mA			D	0-10V	I	4-20mA	D	AC 220V(50/60Hz)
14	1-5V	19	0-200V	24	10-50mA			E	2-10V	R	By request		Less than 3VA