LOAD-CELL ISOLATED TRANSMITTER

MODEL TL

■ FEATURES

- Accuracy 0.1%F.S.
- Wide selection of input/output range
- Dielectric strength 2KVac/1 min.(input/output)
- Wide input range for auxiliary power
- Dimension small & High stability

1.MODEL:TL-□ □ □ □

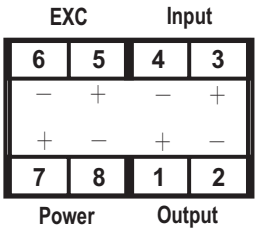
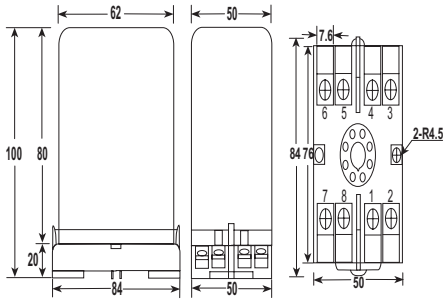
NO	Input Range	NO	Input Range	NO	Exciting Voltage	NO	Output Range	NO	Output Range	NO	Output Range	NO	Aux. Power
1	1mV/V	5	5mV/V	A	5V (<50mA)	A	0~50mV	E	2~10V	I	4~20mA	A	AC/DC 18~60V
2	1.5mV/V	9	SPECIFIED	B	10V(<50mA)	B	0~1V	F	0~1mA	R	SPECIFIED	B	AC/DC 90~260V
3	2mV/V			C	12V(<50mA)	C	1~5V	G	0~10mA			C	AC110V(50/60Hz)±20%
4	3mV/V			R	SPECIFIED	D	0~10V	H	0~20mA			D	AC220V(50/60Hz)±20%

•Less 3VA for AC/DC input

2.SPCIFICATION

- Measuring accuracy : 0.1% F.S. (23±5℃)
- Exciting voltage : 5V±3% (<50mA)
  10V±3% (<50mA)
  12V±3% (<50mA)
- Response time : <250ms (0~90%)
- Output drive capability : <10mA for voltage mode
  <10V for current mode
- Output ripple(p-p) : <0.1% F.S.
- Zero (offset) range : 0~±20% F.S.
- Span (scale) range : 0~±10% F.S.
- Temp. coefficient : 100ppm/℃ (0~50℃)
- Isolation : Input/Output/Power/Case
- Insulation Resistance : >100M ohm with 500V DC
- Dielectric strength : 2KVac/1 min. (input/output/power)
  1600Vdc (input/output)
- Operating condition : 0~60℃(20 to 90% RH non-condensed)
- Storage condition : 0~70℃(20 to 90% RH non-condensed)
- Construction : Socket/plugin type with barrier terminals
- CE EMC Certification : EN 55022:1998/A1:2000 Class A
  EN 61000-3-2:2000
  EN 61000-3-3:1995/A1:2001
  EN 55024:1998/A1:2001

3.TERMINAL CONNECTION



4.DIMENSION(unit:mm)