

POSITION TRANSMITTER 2 WIRE- INDUCTIVE

MODEL: RMG-2WIPT-2012



DESCRIPTION

RMG-2WIPT-2012 is a 2 wire Electronic Position Transmitter based on inductive sensor capable of transmitting precisely the changes in position. The sensor is LVDT and is used for transmitting signals proportional to the rotary / linear movements, resulting in inductance changes. Position Transmitter RMG-2WIPT-2012 produces a linear current signal proportional to the position of the actuator/valve in a position feedback monitoring application.

SALIENT FEATURES

- Very high Position Accuracy
- Encapsulated – To protect from moisture, vibration and tampering of the circuitry
- Operates over a wide temperature range
- Rugged engineering design and packaging
- Reverse polarity protected
- Operates over a wide supply voltage range
- Long term reliability
- Fool-proof design
- User friendly controls
- Robust construction
- Competitive pricing.

APPLICATION

Used in Electric Actuators & various process control applications



SPECIFICATION

SI No	Characteristics	Specified Value
1	Transducer Configuration	Two Wire
2	Supply Voltage	10 V DC to 35 VDC
3	Influence of input Supply Voltage	$\leq 0.5\%$ of span
4	Input Transducer	a) LVDT b) RMG make c) Single turn [150° to 330°]
5	Output Current	4.00 to 20.00mA
6	Load Impedance	Max 700 Ω at 24 V DC
7	Adjustability of Span	+0.5%, -25% of span
8	Adjustability of Zero	+50%, -5% of span
9	Linearity Error	$\leq 0.5\%$ of span
10	Hysteresis Error	$\leq 0.05\%$ of span
11	Operating Temperature Range	-20° C to +80°C
12	Effect of Temperature	$\leq 0.3\%/10$ deg
13	Built in Protection	a) Housed in a Glass- filled - nylon G6 enclosure Epoxy moulded for protection from moisture, vibration and tampering of Circuitry b) Reverse Polarity Protected.
14	Size	72L x 52W x 21 Hmm
15	Weight	150gm approx
16	Enclosure	Glass Filled Nylon G6



In addition, we design and manufacture POSITION TRANSMITTER as per customer requirements/specifications.

Note 1 : Due to continuous product improvement initiatives, specification is subject to change.

Note 2: Images provided are for indicative purpose only.