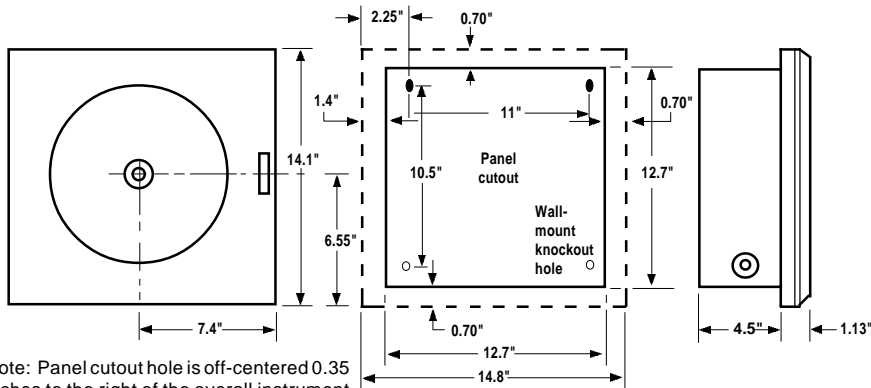




MODEL IN-41
10" CIRCULAR CHART RECORDER
SOLID STATE CONSTRUCTION
CURRENT INPUT SIGNAL



Note: Panel cutout hole is off-centered 0.35 inches to the right of the overall instrument outline. Measure cutout spacing and panel layout carefully.



DESCRIPTION

MODEL IN-41 RECORDERS provide an instantaneous record of flow data from our current output transmitters. The simplicity and reliability of the printed circuit cards and solid state components utilized in construction insure continued accurate and dependable operation of the instrument.

OPERATION Electronic circuitry within the transmitter furnishes a 4-20 mADC current signal proportional to the rate of flow through the measuring unit. The current input signal drives the recorder mechanism. Internal power supply is furnished to provide power to transmitter.

INSTALLATION of the case can be made through the front of an instrument panel or to any flat surface. Two mounting brackets hold the unit securely in place in either installation. For the best operation of the system the signal line should be of an armored cable and the power and signal lines to the instrument should be placed in separate conduits to prevent extraneous voltages from interfering with the signal.

CASE is impact resistant thermoplastic conforming to NEMA 1 requirement with a pressure latched, gasketed door with viewing window that seals the instrument from dust and moisture.

RECORDER features a 10" circular chart. Chart drives may be configured so chart rotation is 24 hour or 7 day rotation. Charts are printed on special paper surface to accept ink without feathering and are highly stable over wide humidity ranges.

SPECIFICATIONS

ACCURACY	±0.50% of span
TEMPERATURE RANGE	58° F minimum to 131° F maximum
HUMIDITY	10-90% RH, non-condensing
POWER SUPPLY	115 VAC ± 5%, 60 HZ, 1 phase Power consumption: 9 watts MAX.
REPEATABILITY	.5% of full scale
INPUT SIGNAL	4-20 MADC; 20 MADC at maximum indicator scale 24V power for transmitter built in
SHIPPING WEIGHT	41 pounds
OPTIONAL EQUIPMENT	Is available upon request and includes: Instrument surge protector, Model IN-30 On/off switch within case High and low adjustable alarm contacts within case Thermostatically controlled heater within the case NEMA 4 case 8 hour chart rotation
ORDERING INFO	Must be specified by the customer and includes: Chart speed desired Optional equipment desired

WATER SPECIALTIES

3255 WEST STETSON AVENUE
HEMET, CALIFORNIA 92545-7799 USA
TEL: 909-652-0591
FAX: 909-652-5592
VISIT OUR WEBSITE: www.waterspecialties.com

Copyright © 2001 Water Specialties. All written material should not be changed or altered without permission of Water Specialties. The published technical data and instructions are subject to change **without notice**. Contact your Water Specialties representative for current technical data and instructions.

AUTHORIZED DISTRIBUTOR