



KANTREC

ULTRASONIC LEVEL INDICATOR

MULTIFLEX

LEVEL MEASUREMENT AND CONTROL
FOR A WIDE RANGE OF MATERIALS

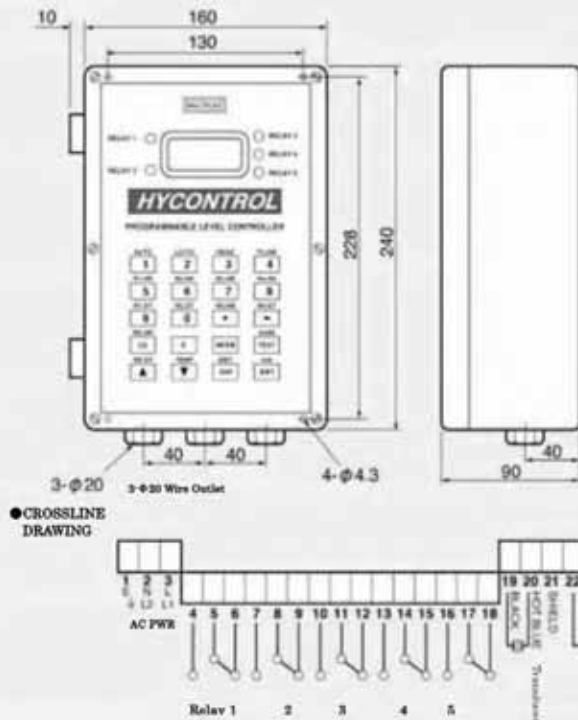


- VERSATILITY** ● In application on powders and solids, it can operate in dirty, dusty environments, and offer a high degree of resolution and functionality for liquids. It is capable of satisfying requirements for liquid and solid applications in one instrument, in either a panel or wall-mount enclosure.
- SECURITY** ● It can prevent any unauthorized access with a user definable access code.
- POWER** ● It accepts power supplies of 110 or 230VAC. It can accept DC Low Power for safety and also 24VDC as back-up in case of power failure.
- NO SEPARATE PROGRAMMERS** ● No complex codes or programming are required, and there is no need for separate programmers or computers to set up. Simply enter the appropriate parameters by use of the keypad.
- VOLUME CONVERSION** ● Linearization for 7 different vessel shapes is held in memory.

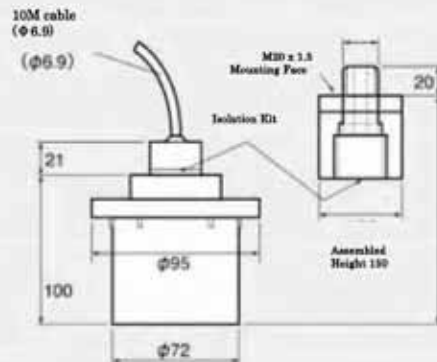
MULTIFLEX ULTRASONIC LEVEL INDICATOR

OUTLINE DRAWING

OUTLINE DRAWING OF CONTROLLER



OUTLINE DRAWING OF TRANSDUCER Model: RXV15 (T, P) / RXT15 (T, P)



OPTION

● AIMING KIT

The kit can be used to allow the transducer to be angled towards the low level draw point to ensure level measurement in the tanks or silos containing powders and solids. Mounted off-center, with angle adjustment from outside the vessel, the kits are constructed from corrosion resistant PVC and easily installed, the aiming kits allow transducer aiming up to 20° off axis.

- Separate Sensor RTS 2
- Separate Exp.-proof type RTS 2B Sensor(Class: ExcmI/T6 / IP65)

SPECIFICATIONS

CONTROLLER

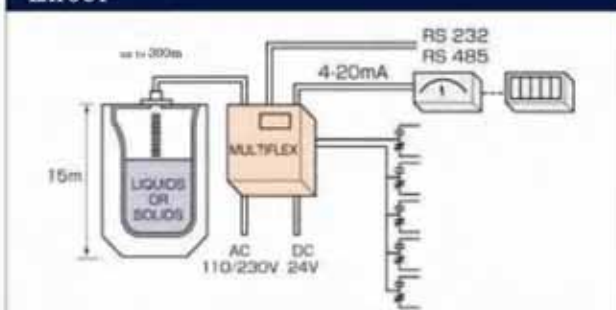
Power/Voltage	110/230VAC ±10% 50/60Hz 12VA, Auto detection
Relay Output	24VDC ±10%, 6W Separate Thermal
Alarm Output	24VDC/5A, 200/250mA, 200/250mA, 100/120 (Inrush current protected and isolated on AC powered model)
Serial Output	RS232C and RS485 (optional) serial output
Ambient Temp.	-40 ~ +70°C
Indication	4 digit 7-seg LCD, 5-seg LED's for relay status
Operation	1 x 4 keypad, optional membrane, 4 digit numeric keypad

	Wall Mount	Panel built-in
Housing	IP65 Polyurethane	Novel DIN43886, Panel built-in IP55 to front, IP20 behind
Dimensions	240H x 160W x 90D(mm)	140H x 160W x 100D(mm)
Weight	1.15kg	1.15kg

TRANSDUCER

Model	RXV15 RXV15T RXV15P	RXT15 RXT15T RXT15P
Measuring Range	0.5 ~ 15m (depend on product)	→
Measuring Mode	Liquid level or Empty Distance, Open channel flow	→
Arcuracy	±0.25%/Ambient Temp. 20°C	→
Resolution	2mm or 0.1% FS, whichever is greater	→
Failsafe	High, low or hold	→
Blanking	Fully adjustable(Min. 0.5m)	→
Function	1 standard tank shape for volume conversion 10 standard flow curves 2 Flow limit + penstock control 10 point linearization 8 separate pump control functions	→
Output Frequency	41.5kHz	→
Beam Angle	10° (3db)	→
Housing	Xenon Resin	→
Face Material	RXV15: Polyurethane Gen Purpose RXV15T: PTFE for chemical applications RXV15P: Polypropylene for high dust	RXT15: Polyurethane RXT15T: PTFE RXT15P: Polypropylene
Temp Compensation	Separate Sensor RTS 2, Separate Exp.-proof type RTS2B Sensor	Built-in thermometer
Process Temp (Exp.-proof model)	-40 ~ +90°C (-20 ~ +60°C)	→
Water-proof	IP65	→
Hazardous Area	CENELEC ExcmI/T6 Zone 1, 2, Z, Y	→
Pressure	Max. 0.2MPa	→
Mounting	M20 x 1.5mm	→

LAYOUT



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Nuclear Power Generation to Rice Milling
All-round Manufacturer of Level Controllers for Powder, Granules and Liquid

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