

Belanto[®]
WATER METER

KRANTI
Water Meter
Bulk Enclosed / Woltman Type

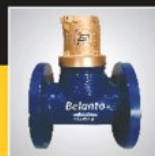


MADE FOR INDIA

MADE BY INDIA

MADE IN INDIA

15mm to 1500mm



ELECTROMAGNETIC FLOW METER MODEL K-01

KUSHAL[®]
Flow Meters



DESCRIPTION

K-01 are micro-controller full bore electromagnetic flow transmitter specially used for various industrial applications. These flow transmitters accurately measures the flow rate of conductive liquids of slurries in closed pipes. Due to simple & rigid design, the flow transmitter in an obstruction less & maintenance free instrument in place of conventional mechanical flow measuring device. The use of Pulsed DC' technology offer highest ability & better measuring accuracy in the form of electrical signal 4-20 mA DC linearly proportional to volumetric flow. The instruments is based on Faraday's law of electro-magnetic field generates a voltage that is proportional to the flow velocity. Corresponding electrical output is provided with respect to measuring voltage.

SALIENT FEATURES

Suitable for conductive liquid | Absolutely maintenance free | Full bore type | Local Indication through LCD
Simple & cost effective construction | Outstanding accuracy | Flow measurement in forward & reverse direction on demand. | Empty pipe indication on demand | Material options depending upon process data | Universal power supply. Communication part on demand | GSM/GPRS/ Connecting option available as per requirement.

TECHNICAL SPECIFICATIONS

Media	Liquid (Conductive)
Conductivity	> 5 μ s/cm
Viscosity	200 cp max
Line Size	15 NB to 600 NB
Excitation	Pulsed DC Coil
Type of Output	1) 4 to 20 mA DC, Isolated 2) Pulse 3)
Display	16x2 LCD - 4 digit for Flow Rate & 8 digit for Totalised Flow
Calibration	As per requirement (Factory Calibrated)
Accuracy	: +/- 0.5% F.S. (For 20 to 100% Flow)
Linerity	+/- 0.5%
Repeatability	+/- 1%
Process Temp.	70°C Rubber/150°C PTFE
Communication Port	On Demand (RS485)
Process pressure	10 kg/cm ² max
Material of construction	Lining - Rubber / PTFE (Teflon) Flange - CS / MS / SS Electrode - SS 316L/ Hastalloy C / Platinum Coil Housing - MS / SS304
Power Supply	1) 24 V DC, External 2) 90-250 V AC, 50 Hz
Power Construction	< 10VA
Isolation	1.4 KV between Input, Output & Power Supply
Response Time	< 100mSec
Temperature Coefficient	+/- 0.1 % per OC
Transmitter Enclosure	Flame proof, IP67 Aluminum enclosure
Process Connection	ASA 150 flanged as per table B 16.5
Mounting	: In Line (Horizontal OR Vertical)
Operating Conditions	Temperature 0 to 55°C Humidity 5 to 95% on condensing

