

HALL EFFECT - FLOWMETERS



NEW MODEL SUPER-JET TURBINE FLOWMETER

	MODEL#	SIZE	QMIN	FLOWRATE		QMAX
				QT	QN	
No. 12500 Up	FTB-4605	1/2"	.15	.52	6.6	13.0
No. 17500 Up	FTB-4607	3/4"	.22	.88	11.0	20.0

PULSE RATE

1/2" = 151.4 PULSES PER U.S. GALLON

3/4" = 75.7 PULSES PER U.S. GALLON

NO REGISTER ON METER

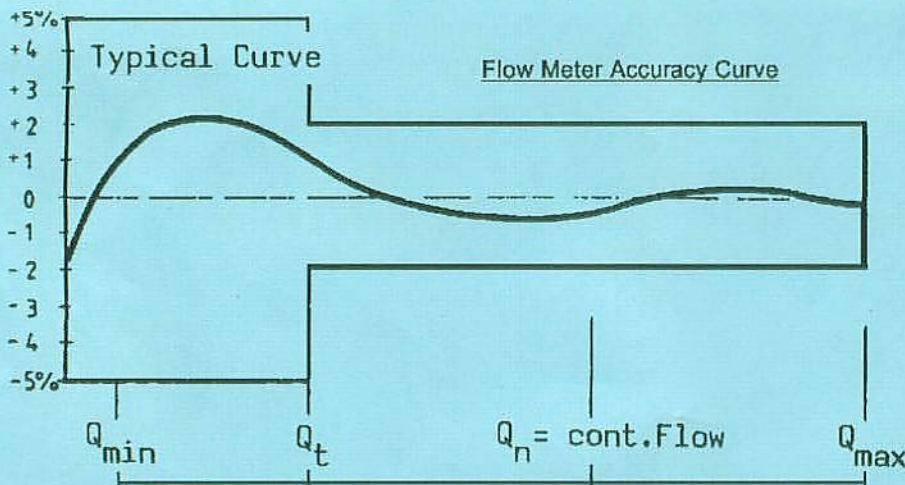
MISCELLANEOUS SPECIFICATIONS

MAXIMUM TEMPERATURE = 190° F

MAXIMUM PRESSURE = 150 PSI

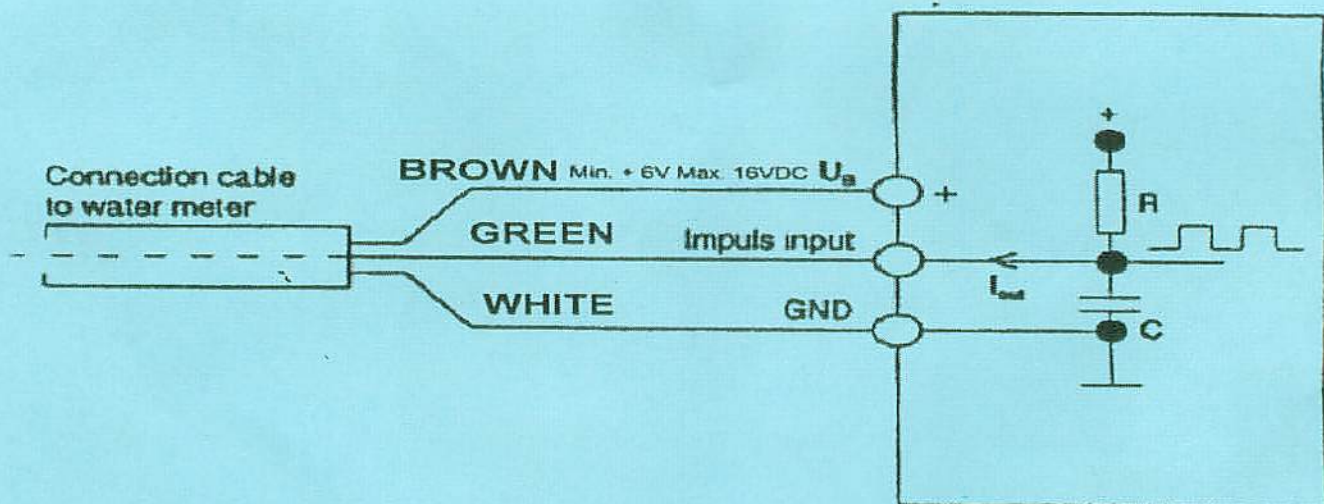
CABLE LENGTH = 5'

THESE METERS INCLUDE LOCKING NUTS, GASKETS AND COUPLINGS



Electrical Connection Diagram

Impulse Counter



INSTALLATION INSTRUCTIONS

Of Hall Effect Flow Meter

FLOW METER INSTALLATION

1. Make sure that the inside of the pipes are totally clean.
2. Install Water Meter with union connection.
3. Make sure flow direction of water corresponds with flow indicator arrow on flow meter housing.

ELECTRICAL CONNECTION TO HALL EFFECT

1. Make wiring connection as indicated on diagram below.
2. Please note: $3,5\text{ V} < U_g < 20\text{ V}$ $I_{out\ max.} = 20\text{ mA}$
3. The pull-up-resistor R should be a min. of 1 k ohms. On installation without C a value of 10 k ohms is recommended. In case of clicking disturbances due to the contactor (e.g. radiowave receivers being in the area) a wiring with $C = 4,7\text{ nF}$ and $R \geq 1\text{ k ohms}$ should be used.

Electrical Connection Diagram

Impulse Counter

