



Flow Monitor (10-DF-MT) Insertion type

Salient features:

- User friendly.
- Universal enclosure for sensor/field as well as panel mounts duty.

Description:

10-DF-MT is flow monitor designed for various industrial applications. This can be used for measuring flow rate/Totalizer. The measuring range & control points are settable through keypad on front face and relay output is available at rear side (screwed terminals)

TECHNICAL SPECIFICATIONS:

1. Physical dimensions	:	105 X 105 X 120 mm 92 mm X 92mm (panel cut out)
2. Enclosure	:	ABS Weather proof/IP 65
3. Mounting	:	Field/Panel
4. Parameter sampling rate	:	< 2 seconds
5. Resolution	:	0.01 to 1(Depending on flow range)
6. Accuracy	:	+ 0.5% of FSD
7. Alarms/Control relays	:	1 no's 5 A@ 230 VAC
8. Display	:	16 X 2 Alphanumeric LCD
9. Calibration/Set point	:	Using front panel keypad.
10. Input	:	From sensor!!
11. Relay output	:	Relay output for batch quantity
12. Temperature	:	0-50°C.

Sensor Specification:

Type : Insertion type
 Bearing : Ceramic with SS ball
 Impeller : Norryl
 Body material : Norryl

CODIFICATION OF 10-DF-MT

CODE SUPPLY VOLTAGE

1 : 110 VAC
 2 : 230 VAC
 3 : 24 V DC

CODE LINE SIZE

0 : No Sensor
 1 : 1 Sensor
 2 : 2 Sensors

CODE LINE SIZE

CODE	1	2	3	4	5	6	7	8
X	11/2"	2"	3"	4"	5"	6"	2 1/2"	8"
SENSOR1	1	2	3	4	5	6	7	8
Y	11/2"	2"	3"	4"	5"	6"	2 1/2"	8"
SENSOR1	1	2	3	4	5	6	7	8

CODE MOC OF TEE FITTING

1 : PVC
 2 : MS
 3 : SS 304
 4 : SS 316

CODE END CONNECTION

1 : Solvent cement able
 2 : BSTD Flange
 3 : ANSIC Flange
 4 : Weldon Adapter

CODE TYPE OF OUTPUT

N : Only relay O/P
 C : 4-20 mA O/P along with relay O/P
 R : RS 485 along with relay O/P

10-DF-MT

2

1

X Y*

1

1

N

SAMPLE ORDERING CODE

Manufactured & Marketed By :

M/S. Bombay Instrument Mfg. Co.

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