

TS2000-AFM

AIR FLOW METER - SWITCH



Features

- Suitable for Compressed Air Applications
- Integral Flow Indicator, Totaliser, Transmitter
- No External Accessories Required
- Line Size : 15NB to 50NB
- Maintenance Free
- Durable SS-316 Enclosure offering superior corrosion resistance
- IP-68 Protection for reliable operation in harsh and wet environments



Technical Specifications

Performance Characteristics		
Line Size	Line Size : 15NB to 50NB	
Accuracy	$\pm 2\%$ of F. S.	
Repeatability	$\pm 0.5\%$ of F.S	
Power Supply	18 to 36V DC	
Display	Backlight LCD	
Output	4 to 20 mA	
Alarm or Relay Output	1 Relay Output (Optional)	
Communication Output	RS-485 MODBUS RTU (Optional)	
Electrical Connection	M12 Connector	
Electronic Protection Class	Weather Proof IP-68	
Sensor Diaphragm MOC	SS-316, SS-316L, SS-304	
Sensor Type	Piezo Resistive	
MOC Electronics Enclosure	SS-316	
MOC of Flow Tube	SS-316	
MOC of Plate	SS-316	
MOC of Gasket	PTFE & Other on request	
Process Connection	1) Threaded BSP (F)	2) Flanged (STD ASA 150 B 16.5) 3) Socket Weld
Ambient Temperature	-20°C to 70°C	
Ambient Humidity	5 to 95% non-condensing at 25°C	

Assembly Overview

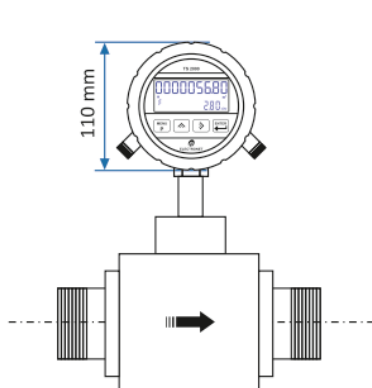


Fig. 1 Front View

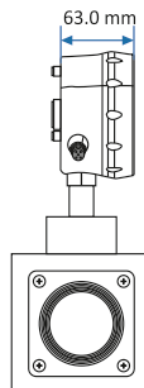
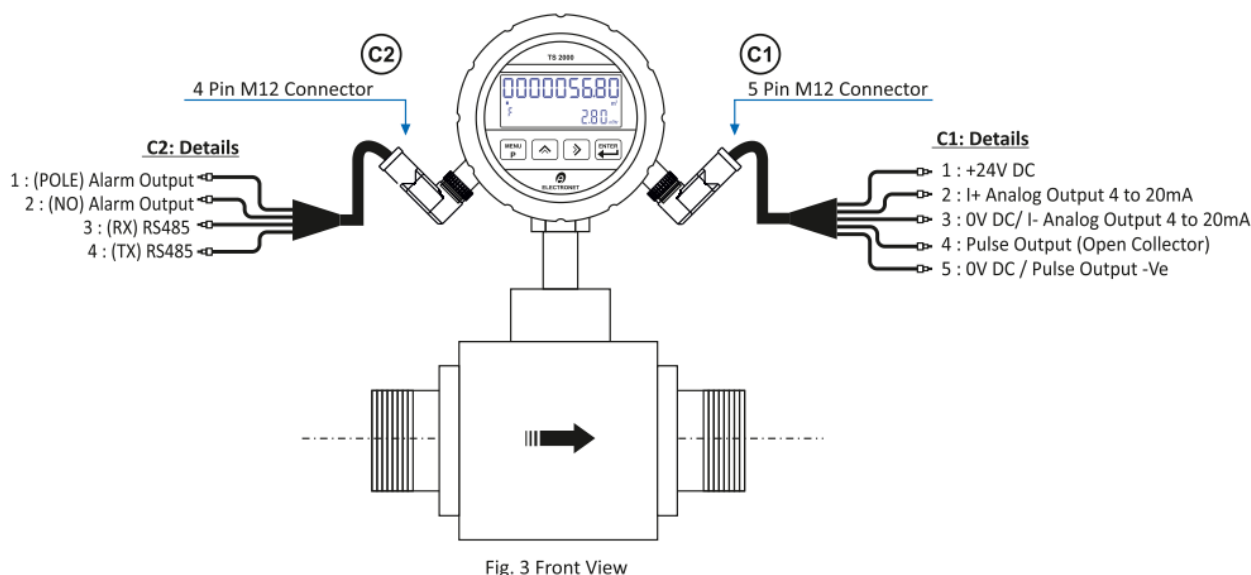


Fig. 2 Side View

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Connection Details



Ordering Information

Sample Order Code : FT 15 A1 B1 C1 D1 E1

Parameter	Code	Description	Parameter	Code	Description
FT	Flow Tube	FT 15	15 NB	B	Alarm or Relay Output
		FT 20	20 NB		1 Relay Output
		FT 25	25 NB	C	Communication Output 1 (Any one)
		FT 32	32 NB		RS485 (MODBUS RTU)
		FT 40	40 NB	D	MOC of Gasket
		FT 50	50 NB		PTFE
A	Process Connection	A1	Threaded BSP (F)	E	Sensor Diaphragm MOC
		A2	Flanged (STD ASA 150 B 16.5)		SS-316
		A3	Socket Weld	E	SS-316L
		AY	Other		SS-304

Note : ■ Due to our continuous product revisions, design specification and model numbers are subject to change without notice.
 ■ Accuracy defined at Lab Conditions.
 ■ For other requirement please consult factory.

ELECTRONET EQUIPMENTS PVT. LTD.

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