

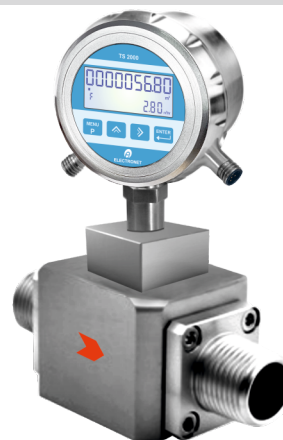
TS2000-AFM

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

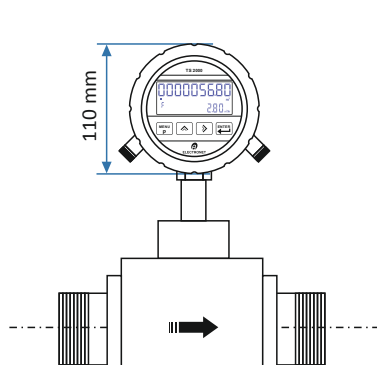


Fig. 1 Front View

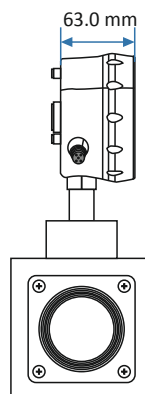


Fig. 2 Side View

TS2000-AFM

AIR FLOW METER - SWITCH

Connection Details

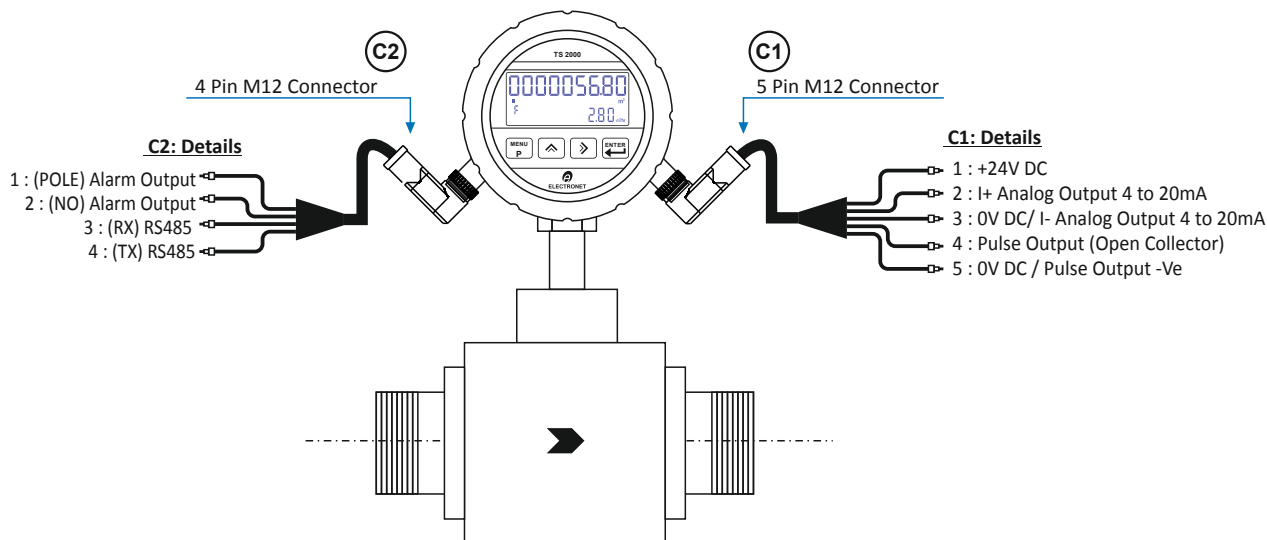


Fig. 3 Front View

Ordering Information

Sample Order Code : FT 15 A1 B1 C1 D1 E1

Parameter		Code	Description
FT	Flow Tube	FT 15	15 NB
		FT 20	20 NB
		FT 25	25 NB
		FT 32	32 NB
		FT 40	40 NB
		FT 50	50 NB
A	Process Connection	A1	Threaded BSP (F)
		A2	Flanged (STD ASA 150 B 16.5)
		A3	Socket Weld
		AY	Other
Note :▪ Due to our continuous product revisions, design specification & model numbers are subject to change without notice. ▪ Accuracy defined at Lab Conditions. ▪ For other requirement please consult factory.			

Parameter		Code	Description
B	Alarm or Relay Output	B1	1 Relay Output
		BX	NA
C	Communication Output 1 (Any one)	C1	RS485 (MODBUS RTU)
		CX	NA
D	MOC of Gasket	D1	PTFE
		DY	Other
E	Sensor Diaphragm MOC	E1	SS-316
		E2	SS-316L
		E3	SS-304