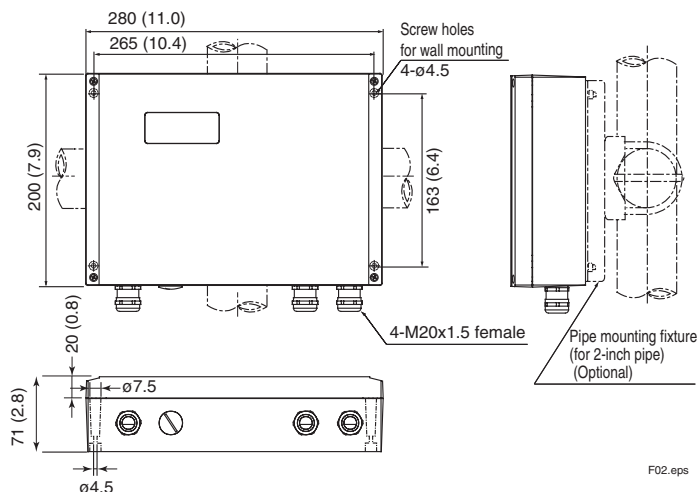


Drawings

US300FM Ultrasonic Flowmeter US300FT Transducers

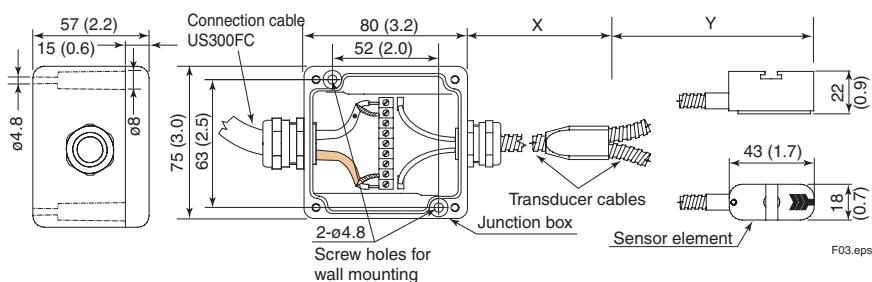
Ultrasonic Flowmeter
US300FM

Unit : mm
(approx. inch)

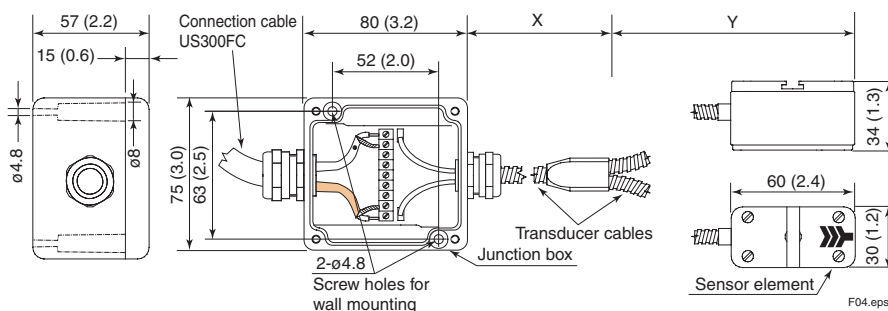


Weight: 2.8 kg (6.17 lb)

Transducers
US300FT-□B□



Transducers
US300FT-□C□
US300FT-□D□



Transducers	X m (inch)	Y m (inch)	X+Y m (inch)	Weight kg (lb)
US300FT-□B□ (Medium type)	2.0 (78.7)	1.0 (39.4)	3.0 (118.1)	0.9 (1.98)
US300FT-□C□ (Large type)	2.0 (78.7)	2.4 (94.5)	4.4 (173.2)	1.5 (3.31)
US300FT-□D□ (Very large type)	5.0 (196.9)	7.0 (275.6)	12.0 (472.4)	2.5 (5.51)

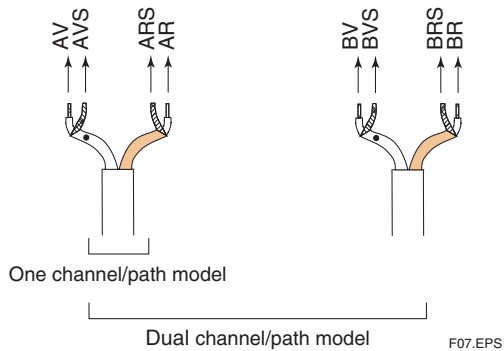
T01.EPS

(Note) Drawings for the transducers above are with the connection cable US300FC connected, which is not a part of transducers.

Terminal Layout



Cable Connection



Terminal Designations

Terminal Name	Description
AV AVS	Downstream transducer signal for channel A
AR ARS	Upstream transducer signal for channel A
BV BVS	Downstream transducer signal for channel B
BR BRS	Upstream transducer signal for channel B
SA1 SA2 SA3 SA4	Sensor ROM for channel A
SB1 SB2 SB3 SB4	Sensor ROM for channel B

Terminal Name	Description
P1+ P1-	Current output (+,-)
P2+ P2-	Current output (+,-) when specifying "two current outputs"
P3+ P3-	Frequency output (+,-)(optional)
P5a P5b	Binary (pulse or alarm) output (optional)
P6a P6b	Same as above
PE N(-) L(+)	Earth Neutral AC power supply (100 to 230 V AC $\pm 10\%$)
PE N(-) L(+)	(Earth) DC- DC+ (24 V DC $\pm 10\%$)

T09.eps

*1: Either of these according to specified power supply specification.