

Standard type flow test sensors FT-Q series



Making measurement simple

The flow meter snaps onto the outside of the tube,eliminating the need for additional piping changes.



Easy installation without professional training

Simply clip on when installing and use screws to secure.



Installation without shutdown

Installation without stopping production.



Wide range of applications,suitable for all types of tubes and media.

Metal tubes: stainless steel tubes, carbon steel tubes, copper tubes,etc.
Plastic tubes: PVC/CPVC, PVDF, PPR, PPH, PFA/PU, HDPE, etc.

Ask Senpum

+86-755-83330055

Same-Day Delivery

Conventional model (SF) DHL ups FedEx Express TNT

Most of the products are in stock and can be arranged to be shipped on the same day the order is received. Fast delivery reduces your overhead costs and losses caused by work stoppages.

※ Unconventional goods 3-5 days delivery



WeChat



WhatsApp



LINE

*For more product features, please contact SENPUM engineers.

Application



Flow rate confirmation of medicine dispenser



Confirmation of filling level of food



Fuel flow measurement

Product List

Appearance	Maximum flow (L/min)	Nominal diameter (DN)	Model
	11.02	DN6	FT-Q6
	19.59	DN8	FT-Q8
	30.62	DN10	FT-Q10
	52.99	DN15	FT-Q15
	94.2	DN20	FT-Q20
	147.19	DN25	FT-Q25
	241.15	DN32	FT-Q32
	376.8	DN40	FT-Q40
	588.75	DN50	FT-Q50

Specs

Type	Clamp type								
Model	FT-Q6	FT-Q8	FT-Q10	FT-Q15	FT-Q20	FT-Q25	FT-Q32	FT-Q40	FT-Q50
Nominal diameter (DN)	DN6	DN8	DN10	DN15	DN20	DN25	DN32	DN40	DN50
Pipe outer diameter(mm)	Φ9.53	Φ12.7	Φ15	Φ20	Φ25	Φ32	Φ40	Φ50	Φ63
Pipe outer diameter(NPS)	1 cent	2 cent	3 cent	4 cent	6 cent	1 inch	1.2 inch	1.5 inch	2 inch
Diameter range(mm)	9.5~11.5	12~13.5	14~16	20~23	25~30	32~35	38~45	48~54	58~64
Flow range(L/min)	0.34~11.02	0.6~19.59	0.94~30.62	1.06~52.99	1.88~94.2	2.94~147.19	4.82~241.15	7.54~376.8	11.78~588.75
Accuracy	±2.0%								
Repeatability	0.8%								
Measuring tube diameter	Φ12.7~Φ63								
Storage function	With daily, monthly and yearly flow accumulation								
Analog output	4~20mA, Max. load 600Q								
Communication interface	RS485, support Modbus communication protocol								
Power	24VDC								
Keyboard	Four keys								
Display	OLED								
Unit	Support metric and imperial units, cubic meters(m³), liters(L), USA Gallons(GAL), can be / hour(per hour), / min(per minute), the factory default unit is m³/h								
Accumulator	6-digit flow accumulator								
Suitable tubes	Stainless steel tubes,carbon steel tubes, copper tubes, plastic tubes (PVC, PVDF, PPR,etc.) , PFA, silica								
Shell material	Aluminum								
Ambient temperature	0°C ~ 50°C (32°F ~ 122°F)								
Medium temperature	0°C ~ 50°C (32°F ~ 122°F)								
Ambient humidity	Relative humidity 0~95%, no condensation								
Protection class	IP54								
Cable length (m)	2								
Weight	0.89		0.81		0.80		0.89		1.26

*For alarm function customised switching output NPN type, please contact SENPUM sales staff.
For example, the FT-Q8 NPN switching output with alarm function is listed as FT-Q8N.

Fiber Optic Sensors

Photoelectric Sensors

Color Sensors

Laser Sensors

Inductive Proximity Sensors

Precision Contact Sensors

Area/Safety Light Curtain

Laser Scanners

Digital Contact Sensors

Laser Displacement Sensors

Confocal Displacement Sensors

Barcode Scanners

RFID

Infrared Temperature Sensors

Digital Pressure Sensors

Flow Test Sensors

Gate Magnetic Sensors

Ultrasonic Displacement Sensors

Magnetic Scale

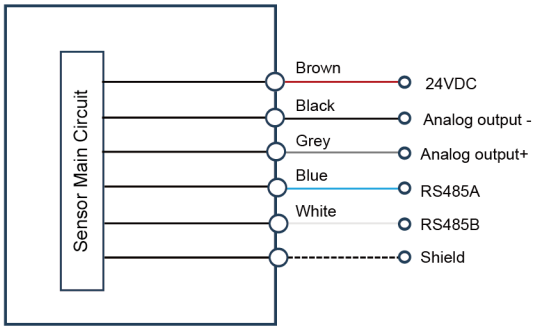
Static Eliminators



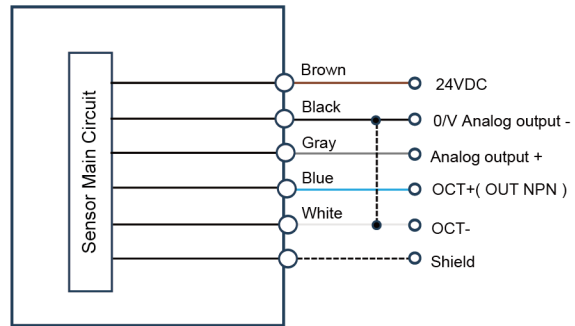
FT-Q Standard type flow test sensors

Circuit Connection Diagram

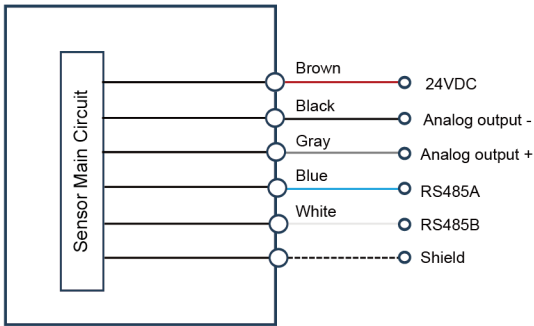
FT-Q* analog current +RS485:



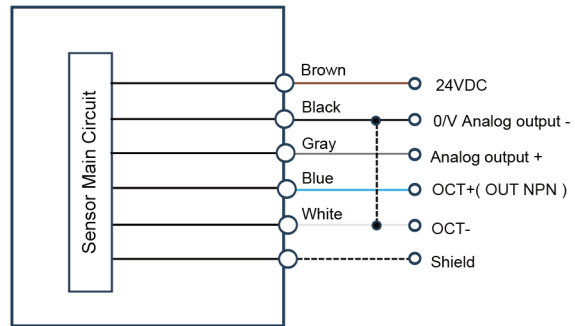
FT-Q*N analog current +NPN switching outputs:



FT-X* analog current +RS485:



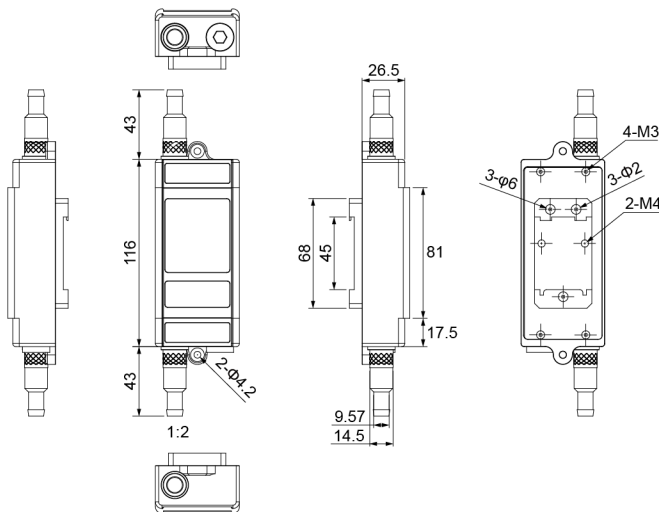
FT-X*N analog current +NPN switching outputs:



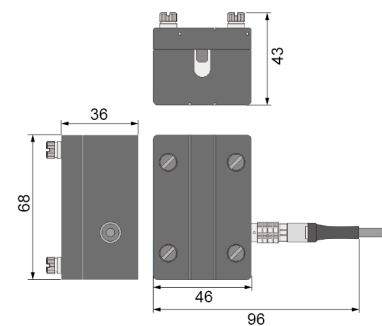
Dimensional Specifications

Unit: mm

Main body
FT-X6 / FT-X8



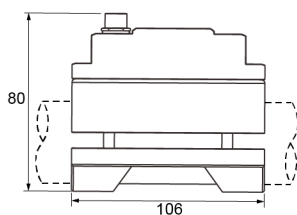
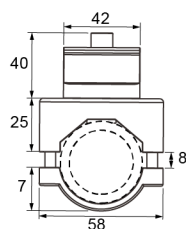
Sensor



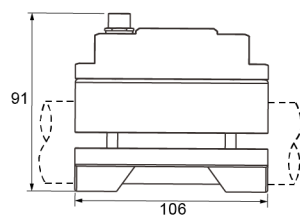
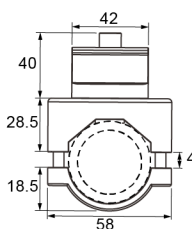
Dimensional Specifications

Unit: mm

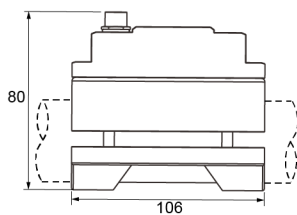
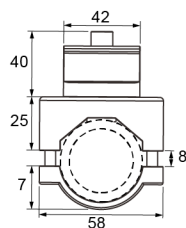
FT-Q6



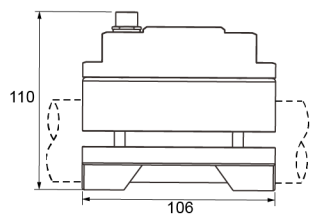
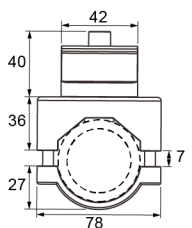
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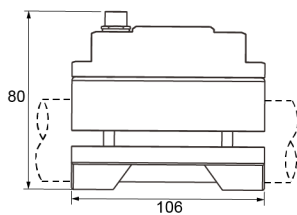
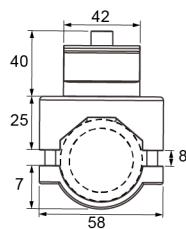
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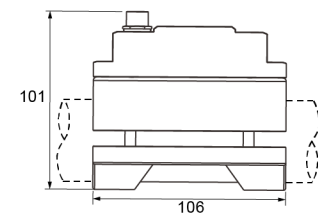
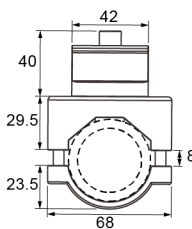
FT-Q40



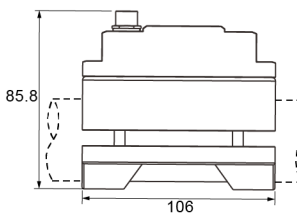
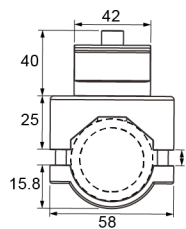
FT-Q10



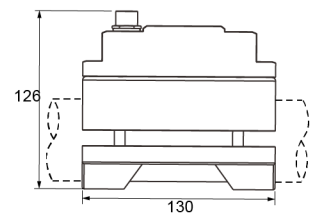
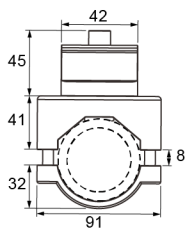
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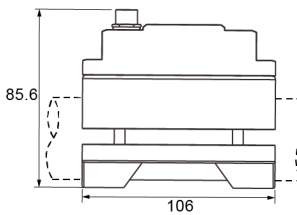
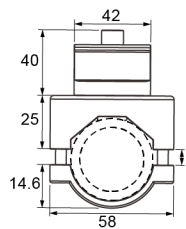
FT-Q15



FT-Q50



FT-Q20



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