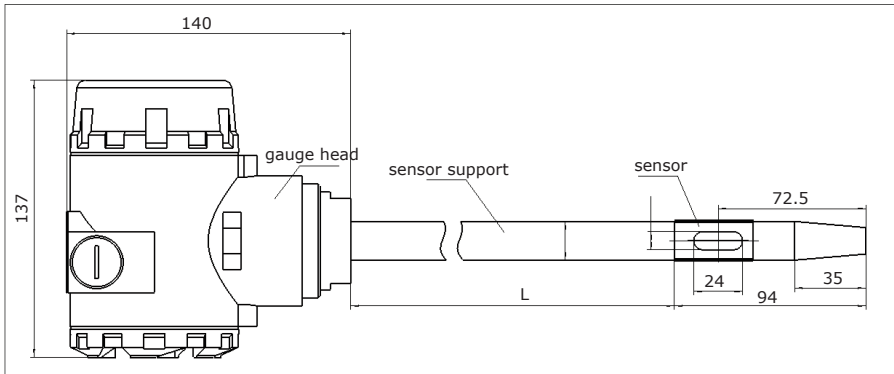
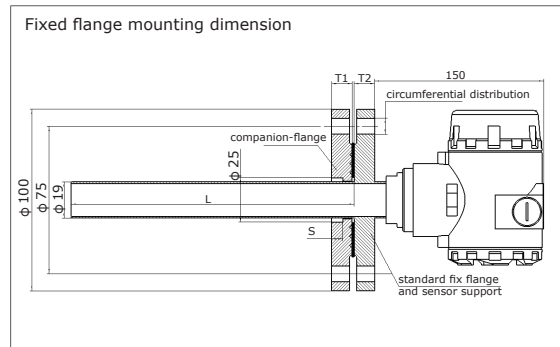
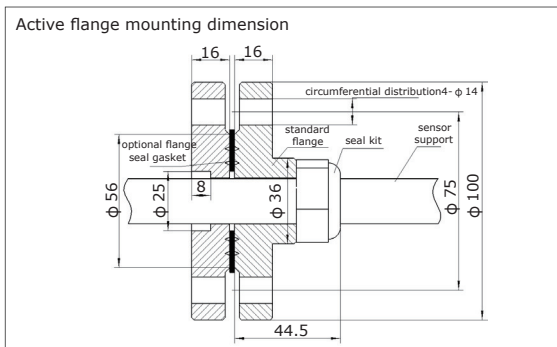
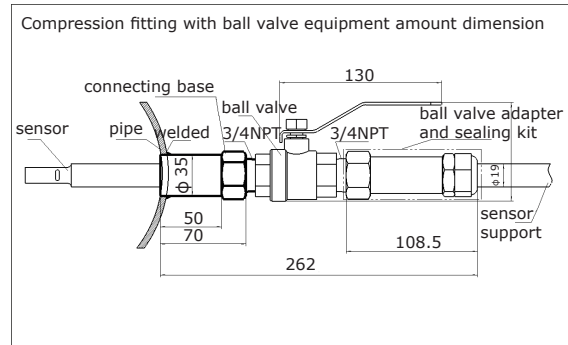
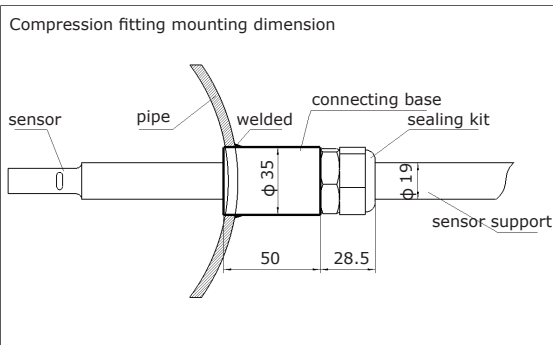


Thermal Mass Flowmeter

⚙️ Dimensions:



⚙️ Mounting:



Thermal Mass Flowmeter

HOW TO ORDER

Options:

TF100S

Thermal Mass Flowmeter

Service:

10

10	Air	11	Smoke	12	O ₂	13	N ₂	14	Ar
15	He	16	CO ₂	20	Natural gas	21	Gas	22	Methane
23	Ethane	24	Propane	25	Ethene	26	CO	31	Aq
32	Cl	33	HCl	34	H ₂ S	35	SO ₂	99	Others

Ranges of velocity/flow:

Q1

Q1	DN15(0~80Nm ³ /h)	Q2	DN20(0~110Nm ³ /h)	Q3	DN25(0~156Nm ³ /h)
Q4	DN40(0~280Nm ³ /h)	Q5	DN50(0~330Nm ³ /h)	Q0	others
11	(0~10)Nm/s	12	(0~20)Nm/s	12	(0~30)Nm/s
14	(0~40)Nm/s	15	(0~60)Nm/s	10	others

Working temperature:

T1

T1	-40~125°C	T2	-40~180°C	T3	-40~260°C
T4	-40~350°C	T5	-40~450°C		

Mounting:

Y1

Y1 Integral (F()m) Fission, cable length

Process connection:

G1

G1	compression fitting	G2	compression fitting with ball valve equipment
G3	active flange mounting	G4	fixed flange mounting

Material of sensor support:

B1

B1	304 SS, Ø19mm	B2	304 SS, painted TPEE, Ø19mm
B3	316L SS, Ø19mm		

Thermal Mass Flowmeter

⚙️ Length of sensor support:

L1

L1 500mm L2 700mm L3 900mm
L4 1100mm L0 others()mm

⚙️ Voltage withstand level:

P1

P1 ≤0.6MPa P2 ≤1.6MPa P3 ≤2.1MPa

⚙️ Material of sensor:

G1

C 316L SS H Alloy C-276

⚙️ Material of sensor support:

B1

B1 304 SS, Ø19mm B2 304 SS, painted TPEE, Ø19mm
B3 316L SS, Ø19mm

⚙️ Output:

H

H One 4-20mA output is with HART communication
D Two 4-20mA outputs: instantaneous flow and temperature, with two SPDT relay outputs
M MODBUS output: instantaneous, accumulated flow and temperature, with two SPDT relay outputs
F Two 4-20mA outputs: instantaneous flow and temperature, one pulse output: cumulative flow, with two SPDT relay outputs

⚙️ Ex-proof:

E0

E0 Without E4 Ex-proof

Ordering Example : TF100S-10-Q1-T1-Y1-G1-B1-L1-P1-C-H-E0