

Specific&performance

- The benefits of TGA technology are short response time and high accuracy
- Available with temperature sensor to measure energy
- Accuracy of flowmeter up to 1% of FS
- Maximum withstand temperature of sensor is 130°C

Applications

- HVAC
- Water treating
- Food&beverage



Specifications

Performance specifications

Accuracy	1%FS
Repeatbility	0.2%FS
Range	0.03m/s ... 5m/s
Flange size	DN25 ... DN1200

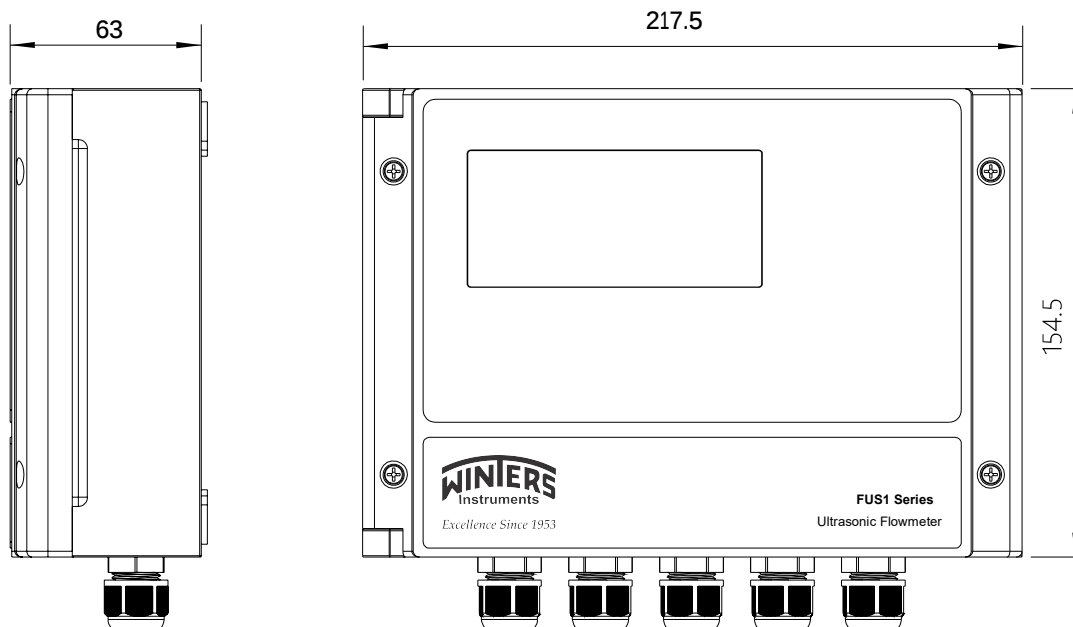
Electrical specifications

Output signal	4-20mA, pulse, RS485
Supply voltage	10-36VDC
Display	LCD, size 240*128

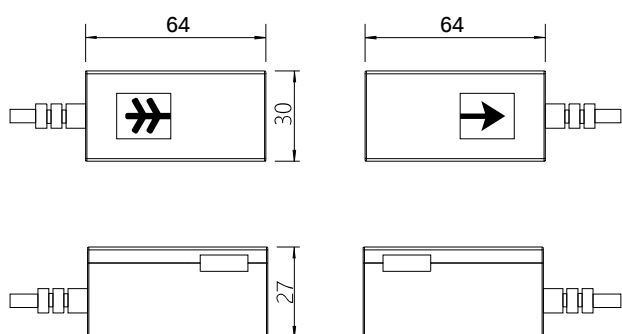
Environmental specifications

Ambient temp	-20 ... 60 °C
Media temp	-40 ... 130°C
Storage temp	-20 ... 80 °C
Ingress protection	Transmitter: IP65, sensor: IP68
Ambient humidity	< 95 % RH, non-condensation

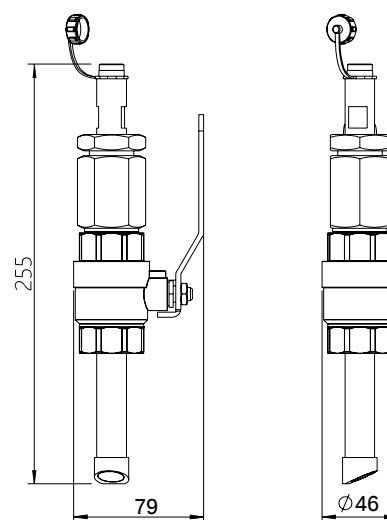
Dimensions in mm



Junction box



Clamp-on sensor



Insert type sensor

FUS1 ordering code

Code		Specifications	
1.		FUS1	Series
2.			Product type
		1	Flowmeter
3.		2	Energy meter
			Sensor type
		1	Clamp on, media temp, -40...+80°C
4.		2	Clamp on, media temp, -40...+130°C
		3	Insert type, media temp, -40...+130°C
			Cable length
5.		009	9m (standard)
		XXX	Others input length with meter unit, maximum 274m
6.			Temperature sensor
		0	Without
7.		1	Pt1000, class A, (only available for energy meter)
			Length of cable connected to temperature sensor
		000	Without
8.		005	5m (standard)
		XXX	Others input length with meter unit, maximum 100m
			Junction box material
9.		S	PC (standard)