



Model GNT
NPT Fitting

GNT shown here
with Local Display



For complete part number,
see "Number Reference" chart on page 5.

ACCURACY: $\pm 0.5\%$

Select Your Meter Size:

1/2 inch	1 inch	2 inch
3/4 inch	1-1/2 inch	3 inch



For Your Special Application Needs:

Model GNT HT

For High Temperatures

(This model is not available in 3 inch)



Sensor Options:

- Low Drag Pickup
(1/2 in. turbines)
- Standard Pickup
(3/4 to 3 in. turbines)

Electronics Options:

- GG510 (Display with Pulse Output)
- GX510 (Display with 4-20 mA Output)
- GA510 (4-20 mA Output)
- SC510 (Scaled Pulse Output)

SPECIFICATIONS

Design Type:	Turbine					
Housing Material:	316 Stainless Steel					
Meter Sizes Available:						
For GNT: NPT Taper (Male)	1/2"	3/4"	1"	1-1/2"	2"	3"
For GBT: BSPP * (Male)	1/2"	3/4"	1"	1-1/2"	2"	3"
For GIT: ISO Taper (Male)	1/2"	3/4"	1"	1-1/2"	2"	3"
For High Temperature*:	1/2"	3/4"	1"	1-1/2"	2"	—
Flow Range:	1/2" (051)	0.8 - 6.0 GPM (3.0 - 22 LPM)				
	3/4" (075)	1.6 - 16 GPM (6.0 - 60 LPM)				
	3/4" (075E)	2.3 - 23 GPM (8.7 - 87 LPM)				
	1" (100)	6.7 - 67 GPM (25.2 - 252 LPM)				
	1-1/2" (150)	17.7 - 177 GPM (67.0 - 670 LPM)				
	2" (200)	33 - 330 GPM (125.0 - 1250 LPM)				
3" (300)	60 - 600 GPM (227.1 - 2271 LPM)					
Accuracy (Linearity):	± 0.5%					
Repeatability:	± 0.1%					
Pressure Rating:	1/2" to 2" = 5,000 PSI / 340 BAR 3" = 2,500 PSI / 170 BAR					
Operating Temperature Range:						
For Tungsten Carbide:	-100° F to +225° F (-74° C to +107° C)					
For High Temperature *:	-450° F to +800° F (-268° C to +426° C)					
Typical K-Factor:	1/2" (051)	10,000				
	3/4" (075)	3,750				
	3/4" (075E)	2,608				
	1" (100)	896				
	1-1/2" (150)	340				
	2" (200)	181				
3" (300)	50					
Wetted Materials:						
Housing:	316 Stainless Steel					
Sleeve Bearings:	Tungsten Carbide					
Thrust Bearing:	Tungsten Carbide					
Shaft:	Tungsten Carbide					
Rotor:	CD4MCu Stainless Steel					
Rotor Supports:	316 Stainless Steel					
Recommended Strainer Size:						
1/2"	40 mesh					
3/4"	40 mesh					
1"	40 mesh					
1-1/2"	18 mesh					
2"	14 mesh					
3"	14 mesh					
Frequency Output:	1/2" (051)	125 - 1000 Hz				
	3/4" (075)	100 - 1000 Hz				
	3/4" (075E)	100 - 1000 Hz				
	1" (100)	100 - 1000 Hz				
	1-1/2" (150)	100 - 1000 Hz				
	2" (200)	100 - 1000 Hz				
3" (300)	50 - 500 Hz					

* Requires High Temp Pickup.

* ISO 228-1 designation is G.