

SPECIFICATIONS

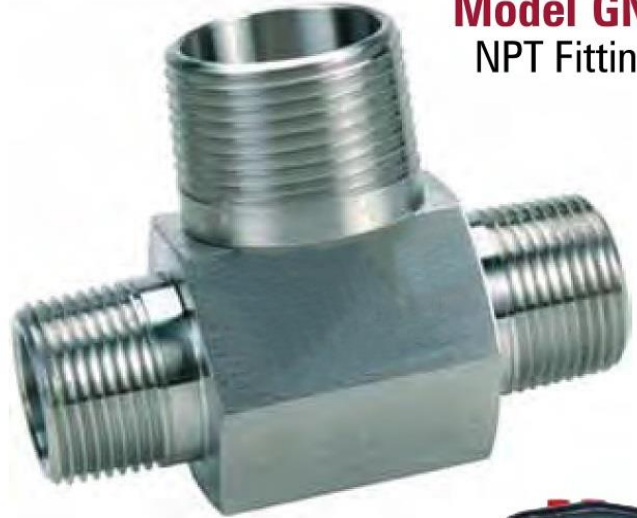
| | | | | | |
|-------------------------------------|---------------------------------------|---------------------------------|----|--------|----|
| Design Type: | Turbine | | | | |
| Housing Material: | 316 Stainless Steel | | | | |
| Meter Sizes Available: | | | | | |
| For GNP: NPT (Male) | 1/2" | 3/4" | 1" | 1-1/2" | 2" |
| For GBP: BSPP* (Male) | 1/2" | 3/4" | 1" | 1-1/2" | 2" |
| For GIP: ISO Taper (Male) | 1/2" | 3/4" | 1" | 1-1/2" | 2" |
| Flow Range: | 1/2" (050)* | 0.6 - 6.0 GPM (2.2 - 22 LPM) | | | |
| | 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) | | | |
| Accuracy (Linearity): | ± 0.5% | | | | |
| Repeatability: | ± 0.1% | | | | |
| Pressure Rating: | 1/2" to 2" = 5,000 PSI / 340 BAR | | | | |
| Operating Temperature Range: | -100° F to +185° F (-74° C to +85° C) | | | | |
| Typical K-Factor: | 1/2" (050)* | 10,000 | | | |
| | 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 | | | |
| Wetted Materials: | | | | | |
| Housing: | 316 Stainless Steel | | | | |
| Sleeve Bearings: | PTFE | | | | |
| Thrust Bearing: | 440C Stainless Steel | | | | |
| Shaft: | 316 Stainless Steel | | | | |
| 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 | | | |
| 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 | | | |

* 1/2 in. (050) requires RF Pickup.

* ISO 228-1 designation is G.

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 Process Equipment Div.
 Tel: 609-261-1033
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Model GNP NPT Fitting



GNP shown here
with Local Display

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

ACCURACY: ± 0.5%

Select Your Meter Size:

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