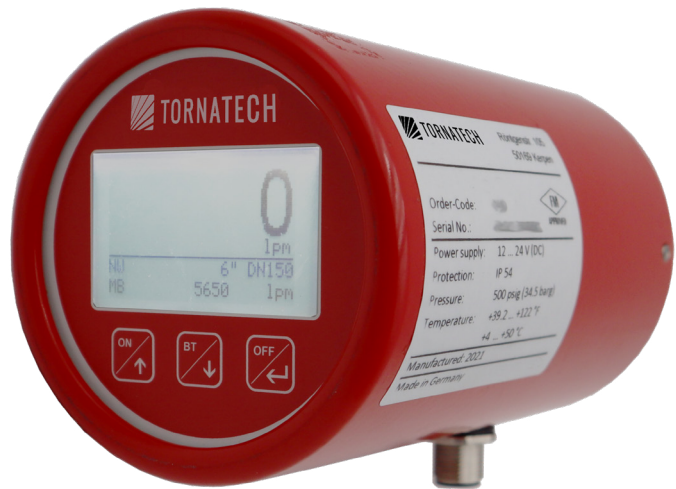


GT-FluxFP-D

Orifice Type - Digital Flow Meters

Standard Features

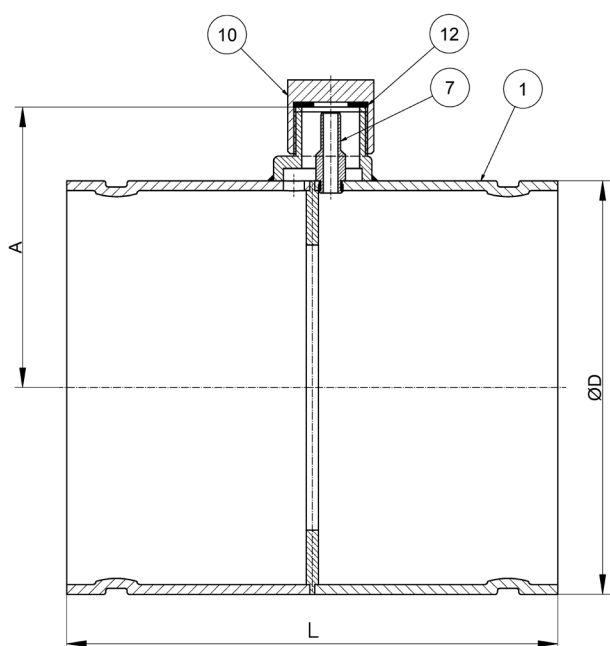
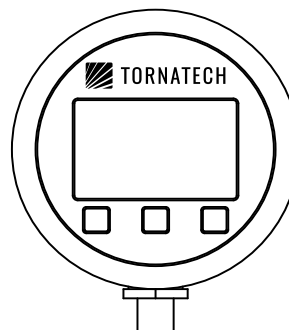
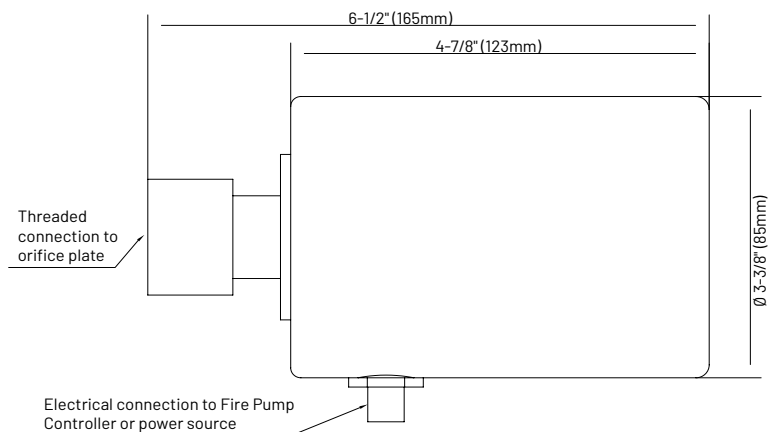
- 2.4" LCD illuminated display
- Nominal size from 2" / DN 50 to 12" / DN 300
- Pump rate from 50 - 5 000 USgpm (185 - 19 000 lpm)
- Measuring range from 20 - 10 000 USgpm (75 - 38 000 lpm)
- Easy installation
 - Grooved connection
 - One threaded connection to connect the flow meter display (no tools required)
 - Multi-directional installation of the orifice plate (horizontal, vertical)
- Long lifespan
- Orifice plate can be mounted vertically or horizontally
- Stable flow reading (no bouncing)
- No purging required before using
- Power supply included



Technical Data	
Measuring principle	Orifice plate flowmeter with 2.4" illuminated digital display
Input Nominal size	2"/DN 50 grooved ends (Ø60.3 mm) 2½"/DN 65 grooved ends (Ø73.0 mm) 3"/DN 80 grooved ends (Ø88.9 mm) 4"/DN 100 grooved ends (Ø114.3 mm) 6"/DN 150 grooved ends (Ø168.3 mm) 8"/DN 200 grooved ends (Ø219.1 mm) 10"/DN 250 grooved ends (Ø273.0 mm) 12"/DN 300 grooved ends (Ø323.9 mm)
Operating pressures	500 PSI (34.5 bar) from 2" (Ø60.3 mm) to 8" (Ø219.1 mm) 232 PSI (16 bar) from 10" (Ø219.1 mm) to 12" (Ø323.9 mm)
Hydrostatically strength/Pressure strength	1000 PSI (69 bar) for 5 minutes
Measuring accuracy	±2.0 % of full scale value (FM)
Application conditions - Temperature limit - Medium	+4 °C to +50 °C (+39 °F to +122 °F) - Water
Design/ Material - Orifice plate 2"/DN 50 - 4"/DN 100 6"/DN 150 - 12"/DN 300	- Housing tube in stainless steel with turned grooved connection - Housing tube in coated steel (RAL 3002) with rolled grooved connection¹⁾

¹⁾ optional in stainless steel with rolled grooved connection

Dimensions and Weights



- ① Housing tube
- ⑦ Differential pressure
- ⑩ Cap
- ⑫ Seal

Normal Size	Dimensions Inch (mm)		Packaging Size Inch (mm)	Weight (Average) incl. packing lbs (kg)
	Length (L)	Diameter (Outside)		
2"/DN 50	3 ¹⁵ / ₁₆ " (100)	2 ³ / ₈ " (60.3)	15 (380) x 11 (270) x 10 (250)	6 (2.7)
2½"/DN 65	3 ¹⁵ / ₁₆ " (100)	2 ⁷ / ₈ " (73.0)	15 (380) x 11 (270) x 10 (250)	6.5 (2.9)
3"/DN 80	3 ¹⁵ / ₁₆ " (100)	3½" (88.9)	15 (380) x 11 (270) x 10 (250)	6.57 (3.0)
4"/DN 100	3 ¹⁵ / ₁₆ " (100)	4½" (114.3)	15 (380) x 11 (270) x 10 (250)	8.56 (3.9)
6"/DN 150	7 ⁷ / ₈ " (200)	6½" (165.1)	15 (380) x 11 (270) x 10 (250)	12.5 (5.7)
8"/DN 200	7 ⁷ / ₈ " (200)	8 ⁵ / ₈ " (219.1)	15 (380) x 11 (270) x 10 (250)	15.61 (7.1)
10"/DN 250	7 ⁷ / ₈ " (200)	10¾" (273.0)	20 (500) x 14 (350) x 12 (300)	21.56 (9.8)
12"/DN 300	7 ⁷ / ₈ " (200)	12 ¾" (323.9)	20 (500) x 14 (350) x 14 (350)	25.53 (11.6)

Description Code

GT-FluxFP - D1

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Model

Nominal Size/Pump Rating

Model	Nominal size grooved ends	Pump rating USgpm	Flow range		Approval
			USgpm	LPM	FM
0EB0	2"/DN 50 (Ø60.3)	50	20 - 100	75 - 375	✓
0UC0	2½"/DN 65 (Ø73.0)	100	40 - 200	150 - 750	✓
0GD0	3"/DN 80 (Ø88.9)	150	60 - 300	220 - 1100	✓
0GE0	3"/DN 80 (Ø88.9)	200	80 - 400	300 - 1500	✓
0HF0	4"/DN 100 (Ø114.3)	250	100 - 500	380 - 1900	✓
0HG0	4"/DN 100 (Ø114.3)	300	120 - 600	460 - 2 300	✓
0HH0	4"/DN 100 (Ø114.3)	400	160 - 800	600 - 3 000	✓
0HJ0	4"/DN 100 (Ø114.3)	450	180 - 900	680 - 3 400	✓
0KK0	6"/DN 150 (Ø168.3)	500	200 - 1000	760 - 3 800	✓
0KL0	6"/DN 150 (Ø168.3)	750	300 - 1500	1 130 - 5 650	✓
0KM0	6"/DN 150 (Ø168.3)	1 000	400 - 2 000	1 500 - 7 500	✓
0KN0	6"/DN 150 (Ø168.3)	1 250	500 - 2 500	1 900 - 9 500	✓
0LP0	8"/DN 200 (Ø219.1)	1 500	600 - 3 000	2 200 - 11 000	✓
0LQ0	8"/DN 200 (Ø219.1)	2 000	800 - 4 000	3 000 - 15 000	✓
0LR0	8"/DN 200 (Ø219.1)	2 500	1 000 - 5 000	3 800 - 19 000	✓
0LS0	8"/DN 200 (Ø219.1)	3 000	1 200 - 6 000	4 500 - 22 500	✓
0MT0	10"/DN 250 (Ø273.0)	3 500	1 400 - 7 000	5 300 - 26 500	✓
0MU0	10"/DN 250 (Ø273.0)	4 000	1 600 - 8 000	6 000 - 30 000	✓
0MV0	10"/DN 250 (Ø273.0)	4 500	1 800 - 9 000	6 800 - 34 000	✓
0NW0	12"/DN 300 (Ø323.9)	5 000	2 000 - 10 000	7 600 - 38 000	✓

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