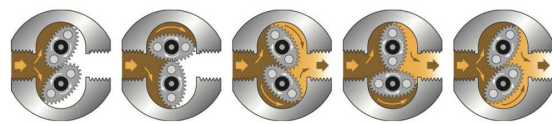


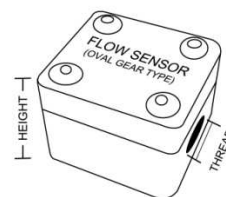
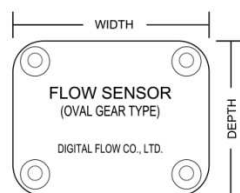
# DGT Series...



## SPECIFICATIONS

Model	Aluminum Model	DGT-003AI	DGT-006AI	DGT-008AI	DGT-010AI	DGT-020AI	DGT-025AI
	Pulse Unit (Pulse / Litre)	7,112	2,722	882	415	257	100
Model	Stainless Model	DGT-003SI	DGT-006SI	DGT-008SI	DGT-010SI	DGT-020SI	DGT-025SI
	Pulse Unit (Pulse / Litre)	6,689	2,688	781	843	238	99
Flow Range (L/Hr)	0.5 - 50	5 - 150	10 - 300	20 - 700	100 - 2000	400 - 5000	
Measurable Fluid	Kerosene, Gasoline, Diesel, Light Oil, Heavy Oil						
Accuracy	0.5% Max.						
Max. Operating Pressure	50 Kg/cm <sup>2</sup> (5 MPa)						
Operating Temperature Range	-40 - 150 °C						
Power Voltage	3 - 24VDC						
Output Type	NPN Open Collector Pulse Output						
Option	Digital Flow Rate and Totalizer Display with 4-20mA Output / Batching Controller						
Pipe Size	PT ¼"		PT 3/8"	PT ½"	PT ¾"	PT 1"	
Material	Body	Aluminum Model	Coated Aluminum				
		Stainless Model	316L Stainless Steel				
	Rotor	Aluminum Model	Coated Aluminum				
		Stainless Model	316L Stainless Steel				
	O-Ring	Aluminum Model	VITON				
		Stainless Model	VITON				
	Shaft	Aluminum Model	316L Stainless Steel				
		Stainless Model	630 Stainless Steel				
Dimension (mm)		45x40x32	45x40x32	50x45x37	65x55x42	90x70x62	110x90x77

## Dimension (mm)

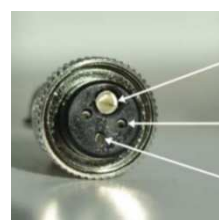


## Connection Wire / Connector

Black : (-) Ground (0Vdc)

Orange : (+) Power Supply (3 - 24Vdc)

Yellow : Pulse Output Signal

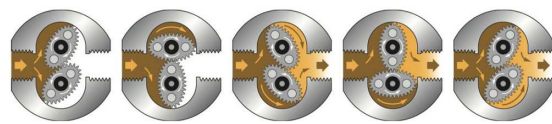


1. ORANGE(+) POWER

2. YELLOW(-) SIGNAL

3. BLACK(-) Ground

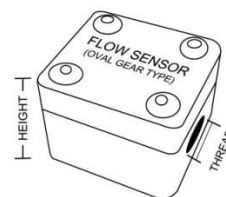
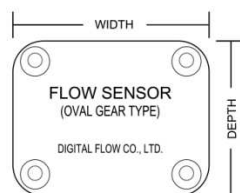
# DGT Series...



## SPECIFICATIONS

Model	Aluminum Model	DGT-003AI	DGT-006AI	DGT-008AI	DGT-010AI	DGT-020AI	DGT-025AI
	Pulse Unit (Pulse / Litre)	7,112	2,722	882	415	257	100
Model	Stainless Model	DGT-003SI	DGT-006SI	DGT-008SI	DGT-010SI	DGT-020SI	DGT-025SI
	Pulse Unit (Pulse / Litre)	6,689	2,688	781	843	238	99
Flow Range (L/Hr)	0.5 - 50	5 - 150	10 - 300	20 - 700	100 - 2000	400 - 5000	
Measurable Fluid	Kerosene, Gasoline, Diesel, Light Oil, Heavy Oil						
Accuracy	0.5% Max.						
Max. Operating Pressure	50 Kg/cm <sup>2</sup> (5 MPa)						
Operating Temperature Range	-40 - 150 °C						
Power Voltage	3 - 24VDC						
Output Type	NPN Open Collector Pulse Output						
Option	Digital Flow Rate and Totalizer Display with 4-20mA Output / Batching Controller						
Pipe Size	PT ¼"		PT 3/8"	PT ½"	PT ¾"	PT 1"	
Material	Body	Aluminum Model	Coated Aluminum				
		Stainless Model	316L Stainless Steel				
	Rotor	Aluminum Model	Coated Aluminum				
		Stainless Model	316L Stainless Steel				
	O-Ring	Aluminum Model	VITON				
		Stainless Model	VITON				
	Shaft	Aluminum Model	316L Stainless Steel				
		Stainless Model	630 Stainless Steel				
Dimension (mm)		45x40x32	45x40x32	50x45x37	65x55x42	90x70x62	110x90x77

## Dimension (mm)

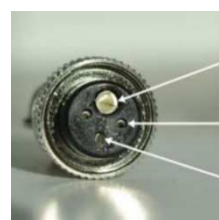


## Connection Wire / Connector

Black : (-) Ground (0Vdc)

Orange : (+) Power Supply (3 - 24Vdc)

Yellow : Pulse Output Signal



1. ORANGE(+) POWER

2. YELLOW(-) SIGNAL

3. BLACK(-) Ground

# DGF Series... Flange Type Oval Gear Flowmeter / Sensor

## MAIN FEATURES

- $\pm 0.5\%$  Accuracy
- Aluminum or 316 Stainless Steel Material
- Size DN20 to DN150
- Pulse output (Standard) or 4-20 mA Analog Output (with digital display)
- JIS20K Flange Process Connection



Model	Aluminum	DGF-020A	DGF-025A	DGF-040A	DGF-050A	DGF-065A	DGF-080A
	Stainless	DGF-020S	DGF-025S	DGF-040S	DGF-050S	DGF-065S	DGF-080S
Flow Range (L/min)		2-33	7-83	9-116	20-400	40-600	33-1,083
Accuracy		$\pm 0.5\%$					
Operating Pressure		20 Kgf/cm <sup>2</sup>					
Operating Temperature		-40 to +150°C					
Power Supply		3 - 24 VDC					
Pipe Size		JIS20K 20A	JIS20K 25A	JIS20K 40A	JIS20K 50A	JIS20K 65A	JIS20K 80A
Body Material	Aluminum	6061-T6 Aluminum					
	Stainless	316 Stainless Steel					
Rotor Material	Aluminum	6061-T6 Aluminum					
	Stainless	316 Stainless Steel					
Shaft Material (All model)		316 Stainless Steel					
O - Ring Material	Aluminum	NBR					
	Stainless	VITON					

## Connection Wire / Connector

