

G-MINI[®] COMPACT PUMP

Small size. Big value. Huge impact.



M O V I N G M A T E R I A L S T H A T M A T T E R [™]

DESIGNED FOR YOU TO SUCCEED

Reduce integration complexity, limit validation risk and maintain cost targets with the flexible G-Mini® family. The rugged design and multiple reservoir options support small to medium equipment with reliable, precise automatic lubrication – for the right amount of grease at exactly the right time.

Multiple Reservoir Options

- **Grease:** 0.5 liter, 1 liter, 2 liter and 4 liter reservoirs.
- **Oil:** 1 and 2 liter reservoirs.

Patent-Pending Heater Option

Built-in heater option automatically turns on at 23°F (-5°C), allowing NLGI #2 grease to pump down to -40°F (-40°C).

M12 Input

M12 cycle or proximity switch input standard on all pumps with a controller.

Power and Low Level Options

CPC or DIN-style connectors make for easy, no hassle installations.

Follower Plate and Stir Paddle

- **Follower Plate:** Available on 0.5 and 1 liter reservoirs.
- **Stir Paddle:** Available on 1, 2 and 4 liter reservoirs.

Up to Two Pump Elements

0.18 in³/min (3 cm³/min) 4,100 psi (280 bar).

Optional Controller

- **No Controller:** Pair with either an external controller or a PLC.
- **Controller:** Easy-to-program controller can be utilized for both time-based and cycle-based systems and provides low-level alert and alarm.

Rugged Construction

Designed to withstand the harshest of environments; IP69K rated.



TYPICAL APPLICATIONS

- Wind energy
- Industry
- Off-road / on-road mobile equipment

TECHNICAL SPECIFICATIONS

Power source	12 VDC, 24 VDC, 100-240 VAC
Fluids handled	Grease – NLGI 000 to #2 / Oils – 40 cSt and up
System	Pump to point or series progressive
Operating temperature	-40°F to 158°F (-40°C to 70°C)
Reservoir size	0.5 L / 1 L / 2 L / 4 L
Control option	No control, controller (time or cycle)
Pump elements	Up to 2
Output pressure	4,100 psi (280 bar)
Pump output	0.18 in ³ /min (3 cm ³ /min)
Pump outlet	1/4-18 NPSF, mates with 1/4-18 NPT male fittings
Protection grade	IP69K
Instruction Manual	3A6714





ORDERING OPTIONS

G-Mini Grease Pumps

Controller Option	Voltage	With Follower Plate		With Follower Plate and Heater	Without Follower Plate		
		0.5 L	1 L	1 L	1 L	2 L	4 L
No Controller	12V CPC	–	25R802	–	–	25R832	–
	24V CPC	25R807	25R800	–	–	25R831	25R910
	24V DIN	–	25R820	–	–	25R835	–
	AC DIN	2000643	2000645	–	2000648	2000650	–
Controller	12V CPC	–	25R803	–	–	25R834	–
	24V CPC	–	25R801	25R804	–	25R833	25R911
	24V DIN	–	25R821	25R824	–	25R837	–
	AC DIN	2000644	2000646	2000647	2000649	2000651	–

G-Mini Oil Pumps

Controller Option	Voltage	1 L	2 L
No Controller	24V DIN	2000634	2000638
	AC DIN	2000635	2000639
Controller	24V DIN	2000636	2000640
	AC DIN	2000637	2000641

Accessories

Additional accessories can be found in the Graco Automatic Lubrication Equipment (ALE) Buyer's Guide (p/n 340821).

Part Number	Description
127783*	2-wire CPC power cable, 15 ft (4.6 m)
2003467*	5-wire CPC power cable, 15 ft (4.6 m)
2003896*	5-wire CPC power cable, 30 ft (9.1 m)
2007482*	DIN connector power or low level cable
25C981	12V manual run button (5-wire CPC power cable required)
25C982	24V manual run button (5-wire CPC power cable required)
26C825	Direct mount CSP bracket (allows for drop-in replacement of competition)
26C826	Universal mounting bracket (allows for drop-in replacement of competition)
17L879	Graco CSP solid state proximity switch (DC PNP)
17R703	1 ft proximity switch cable, M12 female straight to M12 male straight cable
124333	16.5 ft proximity switch cable, M12 female straight to M12 male straight
26A910	4,000 PSI pressure relief kit (1/4 NPT to 1/8 NPT reducer bushing, 1/8 NPT tee-fitting, 4,000 PSI pressure relief valve)
26C947	Pump element kit (add a second pump element or replace existing)
24M644	High capacity fill stud with dust cover. Installs in 1/4 in NPT port on either side of pump base. For applications requiring a 90 degree elbow, add p/n 15M045.
121474	Mating coupler for 24M644 fill stud
247886	Manual fill pump – fits 5 gallon or 35 lb pail, includes 121474 (requires 24M644)
2000200	Cartridge filler pump adaptor with M20 thread, installs in unused pump socket. For use with 2006597 fill pump.
2006597	Cartridge filler pump – for use with 14 oz (400 g) grease cartridges. Requires adapter 2000200.

*G-Mini pumps do not come with power cables. A power cable is required for installation.





MOVING MATERIALS THAT MATTER™



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