

G-Mini[®] Compact Pump

Small size. Big value. Huge impact.



Make the most of your space, budget and machines. The new full-featured G-Mini offers reliable lubrication in a small footprint to fit more types of machines. Use it to simplify everyday maintenance, extend life cycles and optimize uptime. It's rugged and tough, perfect for handling the 24/7 rigors of any job, big or small. Best of all, it comes with a modest price tag – boosting your productivity and profitability.

Follower Plate and Stir Paddle

This unique combination combats oil separation while ensuring the pump element "loading chamber" is always full.

Multiple Reservoir Options

Comes in both 0.5 liter and 1 liter sizes.

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).

Up to Two Pump Elements

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

M12 Input

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

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.

Power and Low Level Options

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

Rugged Construction

Designed to withstand the harshest of environments; IP69K rated.





Technical Specifications

Power source	12 VDC or 24 VDC
Fluids handled	Grease NLGI 000 to #2
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
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

Typical Applications

- Wind energy
- Industrial
- Off-road mobile equipment
- On-road mobile equipment



Ordering Information

Pumps

G-Mini pumps **do not** come with power cables. See Accessories below for power cable options.

Controller Option	Voltage	Reservoir Size	Heater	Part Number		Part Description
				Power Input		
				CPC	DIN	
No Controller	12V	0.5L	No	25R809	25R829	0.5 Liter, 12 Volt G-Mini Pump
		1L	No	25R802	25R822	1 Liter, 12 Volt G-Mini Pump
	24V	0.5L	No	25R807	25R827	0.5 Liter, 24 Volt G-Mini Pump
		1L	No	25R800	25R820	1 Liter, 24 Volt G-Mini Pump
Controller	12V	0.5L	No	25R810	25R830	0.5 Liter, 12 Volt G-Mini Pump with Controller
			Yes	25R803	25R823	1 Liter, 12 Volt G-Mini Pump with Controller
		1L	Yes	25R806	25R826	1 Liter, 12 Volt G-Mini Pump with Controller and Heater
	24V	0.5L	No	25R808	25R828	0.5 Liter, 24 Volt G-Mini Pump with Controller
			Yes	25R801	25R821	1 Liter, 24 Volt G-Mini Pump with Controller
		1L	Yes	25R804	25R824	1 Liter, 24 Volt G-Mini Pump with Controller and Heater

Accessories

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

Part Number	Description
127783*	3-Wire CPC Power Cable
127780*	5-Wire CPC Power Cable
16U790*	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
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
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)
25N827	Pump Element Kit (add a second pump element or replace existing)
24M644	High Capacity Fill Stud with Dust Cover
121474	Mating Coupler for 24M644 Fill Stud
247886	Manual Fill Pump – fits 5 gallon or 35 lb pail, includes 121474 (requires 24M644)

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

