

IM20P In-Line Meters

Robust Electric In-Line Meter for Wired Indoor and Outdoor Applications



Simple, Wired Metering Solution

The IM20P wired electronic meter delivers precise in-line dispenses for in-plant, industrial and other applications. Its heavy-duty aluminum exterior and sealed electronics protect against corrosion inside or outside the plant. Designed and manufactured by a proven leader in meter technology, it's capable of flow rates up to 20 gpm (75.7 lpm) for optimal performance.

High Flow

Flow rates up to 20 gpm (75.7 lpm) for faster dispense.

Sealed Electronics

Meters are suitable for indoor or outdoor use. IP69K rated.

Rugged Aluminum Body

Remains corrosion free in harsh environments for years of trouble-free service.

Large Inlet and Outlet Porting

Minimal pressure drop to increase production.

Wired Convenience

Easily integrated with PLC (programmable logic controller).



Typical Applications

- Heavy-duty mobile service trucks
- Mining
- In-plant

Typical Fluids Handled

- Petroleum- and synthetic-based oils (motor, gear and ATF)
- Antifreeze/coolant

Ordering Information

Part Number	Description
133480	IM20P high-flow, high-pressure in-line pulser meter

Technical Specifications

Flow Range*	0.25 gpm to 20 gpm (0.95 lpm to 75.7 lpm)
Maximum Working Pressure	1,500 psi (10 MPa, 102 bar)
Units of Measure	User-defined based on pulse output
Accuracy	+/- 0.5%
Inlet/Outlet	3/4 in NPT
Operating Temperature Range	-22°F to 180°F (-30°C to 82°C)
Storage Temperature Range	-40°F to 185°F (-40°C to 85°C)
Outdoor Use	Yes – IP69K as per DIN 40050-9
Operating Voltage	12–24 VDC
Operating Current	26–51 mA
Wire Connection	2-wire (18 ga) PNP or NPN
Wetted Parts	Aluminum, acetal, nitrile, rubber
Meter Pressure Loss*	35 psi (2.41 bar) @ 12 gpm (45.4 lpm)
Dimensions	5.8 in L x 3.4 in W x 2.9 in H (14.7 cm L x 8.6 cm W x 7.4 cm H)
Weight	1.3 lb (0.59 kg)
Warranty	One year
Instruction Manual	3A8625

*Tested in 10W oil at 70°F. Flow rate varies with fluid pressure, temperature, viscosity, inlet fitting size and nozzle type.

Contact us today!

Call **800-533-9655** to speak with a Graco representative, or visit www.graco.com for more information.

