

Endpoint LF V4.0 Specification



The GreaseBoss Endpoint LF is an IoT flow meter designed for **high-accuracy monitoring** of small grease flow rates in industrial machinery, transmitting data to a nearby GreaseBoss Gateway, which is then collated and **reported to end users via the secure GreaseBoss Cloud**.

DEVICE

Housing Materials	Aluminium, Stainless Steel, PA11, Polycarbonate
Dimensions	86 x 31.5 x 62.5mm (3.4 x 1.24 x 2.46 in)
Mass	0.3kg (0.66 lb)
Mounting Options	M5 Bolts x2, Bracket Mount, Magnet Mount

FLOW METER

Ports	1
Inlet Threads	1/4" BSPP Female
Flow Meter Type	Oval gear positive displacement
Oval Gear Materials	Sintered Stainless Steel
O-ring Material	Nitrile
Flow Direction	Bidirectional
Flow Sensing	Unidirectional
Flow Resolution	0.18cc (0.011 in ³)
Maximum Pressure	7500PSI (52MPa)

ELECTRONICS

Wireless Protocol	Bluetooth Low Energy
Battery Life	3 to 5 years
Battery Spec	1x 2600 mAh SAFT LS 14500

ENVIRONMENTAL

Operating Temperature	-40°C to 85°C (-40°F to +185°F)
Ingress Protection Rating	Designed to IP68

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Mounting

The device is mounted via two rear-face threaded holes in the flow meter body. Refer to the Rear Mounting view in the product drawing for the hole pattern.

- 2x M5x0.8, 8.0 mm minimum thread, 10.0 mm deep
- Hole pitch: 53.00 mm

