

Endpoint HF V4.0 Specification



The GreaseBoss Endpoint HF is an IoT flow meter designed for **high-accuracy monitoring** of high or large 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	100 x 50 x 81mm (3.9 x 1.9 x 3.2 in)
Mass	0.8kg (1.8 lb)
Mounting Options	M5 Bolts x4, Bracket Mount, Magnet Mount

FLOW METER

Ports	1
Inlet Threads	3/4" BSPP Female
Flow Meter Type	Oval gear positive displacement
Oval Gear Materials	PEEK
O-ring Material	Nitrile
Flow Direction	Bidirectional
Flow Sensing	Bidirectional
Flow Resolution	0.62cc (0.038 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

DEVICE

Housing Materials	Aluminium, Stainless Steel, PA11, Polycarbonate
Dimensions	100 x 50 x 81mm (3.9 x 1.9 x 3.2 in)
Mass	0.8kg (1.8 lb)
Mounting Options	M5 Bolts x4, Bracket Mount, Magnet Mount

FLOW METER

Ports	1
Inlet Threads	3/4" BSPP Female
Flow Meter Type	Oval gear positive displacement
Oval Gear Materials	PEEK
O-ring Material	Nitrile
Flow Direction	Bidirectional
Flow Sensing	Bidirectional
Flow Resolution	0.62cc (0.038 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

Version 1.2