GREASEBOSS

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www.greaseboss.com.au

6/1 metier linkway
birtinya, qld
australia 4575

Endpoint BF Specification

90mm (height)

102mm

102mm

The GreaseBoss Endpoint BF is an IoT flow meter designed for **high-accuracy monitoring** of high 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**.

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General Specification

Ports	1
Inlet Threads	¾" BSPP Female
Flow Meter Resolution	5.87cc
Flow Meter Accuracy	± 1%
Flow Meter Type	Oval gear positive displacement
Flow Direction	Bidirectional, flow direction detection
Materials	Aluminum, PA11, ABS
Dimensions	102 x 102 x 90 mm
Wireless Communications	Bluetooth Low Energy
Wireless Range	50 – 250m depending on environment and gateway position
Battery Life	1 - 5 years depending on data resolution and sample rate
Battery Replacement	2x SAFT LS 14500
Operating Pressure	5000Psi
Mass	1.8kg
Operating Temperature	-40°C to 85°C
Mounting Options	4x M5 Bolts, Bracket Mount, Magnet Mount
Ingress Protection Rating	Designed to IP68, final product certification pending
Regulatory Compliance	Contains pre-certified components to CE and FCC. Final product certification pending

Device Operation

- The Endpoint sends regular device health information to GreaseBoss Cloud for device performance analytics
- The configurable settings available:
  - Period of grease volume accumulation (ie. granularity of data)
  - Sync interval
  - Transmit power for increased range
- The LED on the Endpoint can be used to:
  - Indicate an error to technicians in the field
  - Indicate connectivity status to the nearby gateway or smart device
- The button on the Endpoint can be used to:
  - Signal that a grease reservoir has been filled, allowing the GreaseBoss Cloud to manage grease tank volumes
  - Run a connectivity test to nearby gateways

Right Grease | Right Amount | Right Time