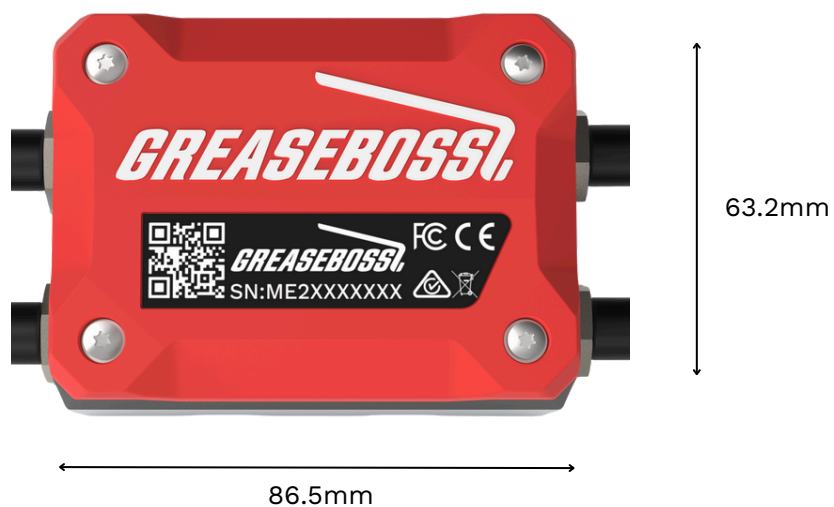
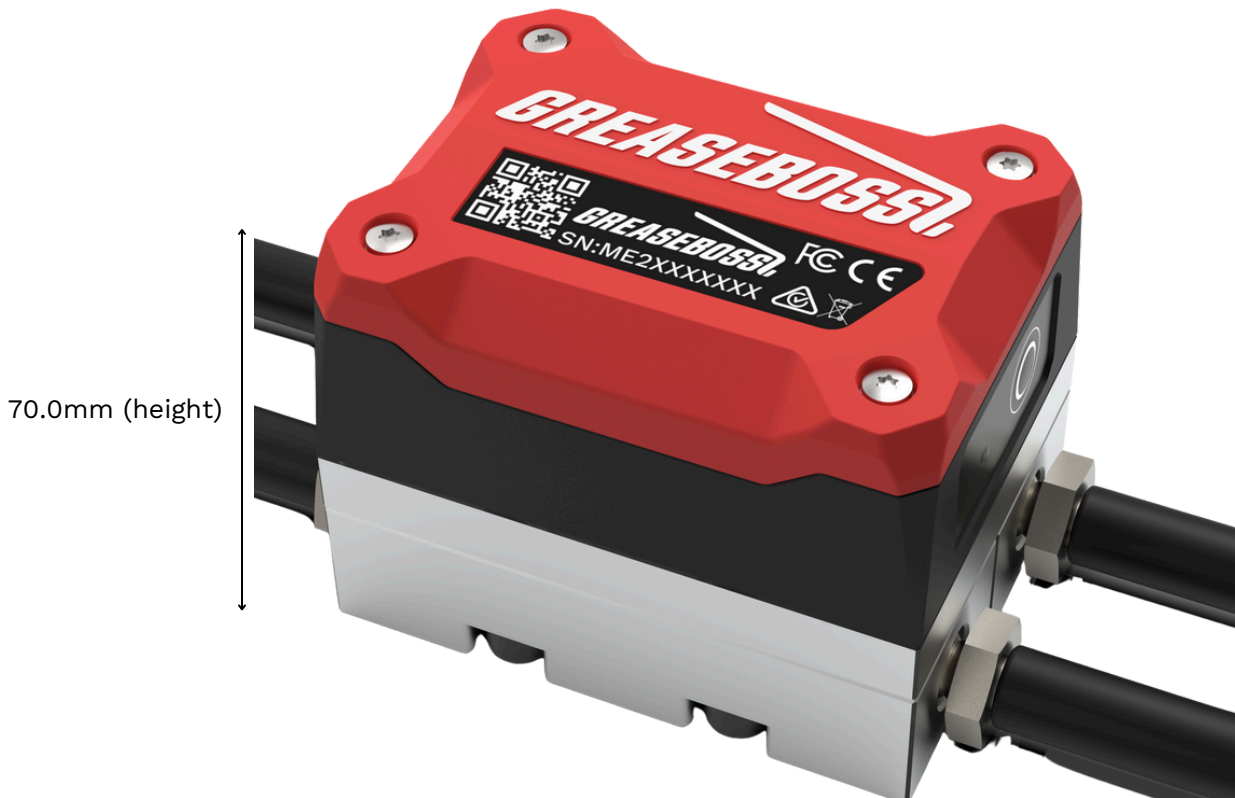


# Endpoint MP2 Specification



The Endpoint MP2 is designed to verify correct grease flow into critical grease points and detect hose and line breakages. This ensures lubrication systems are delivering the right amount of grease to each injection point, preventing grease-related asset failures and optimising maintenance processes.

## General Specification

<b>Ports</b>	2
<b>Inlet Threads</b>	¼" BSPP Female
<b>Flow Meter Resolution</b>	0.18cc
<b>Flow Meter Accuracy</b>	± 0.5%
<b>Flow Meter Type</b>	Oval gear positive displacement
<b>Flow Direction</b>	Bidirectional, no flow direction detection
<b>Materials</b>	Aluminum, PA11, ABS
<b>Dimensions</b>	86.5 x 63.2 x 70 mm
<b>Wireless Communications</b>	Bluetooth Low Energy
<b>Wireless Range</b>	50 – 250m depending on environment and gateway position
<b>Battery Life</b>	1 - 5 years depending on data resolution and sample rate
<b>Battery Replacement</b>	2x SAFT LS 14500
<b>Operating Pressure</b>	5000Psi
<b>Mass</b>	0.9kg
<b>Operating Temperature</b>	-40°C to 85°C
<b>Mounting Options</b>	4x M4 Bolts, Bracket Mount, Magnet Mount
<b>Ingress Protection Rating</b>	Designed to IP68, final product certification pending
<b>Regulatory Compliance</b>	Contains pre-certified components to CE and FCC.  Final product certification pending

## Device Operation

- The Endpoint MP2 is installed at critical grease points downstream of injectors and distributors.
- Each time grease flows, the Endpoint MP2 measures the grease volume, grease line pressure and temperature.
- The processed data is transmitted wirelessly via Bluetooth Low Energy (BLE) to a nearby GreaseBoss Gateway on a specified interval
- Batteries are replaceable in the field, as required.