

The WM-535 Lever Hand Control is designed for demanding off-road applications. It is infinitely variable between 0 and 54 degrees with applicable uses that include engine RPM, chassis module inputs and hydraulic pump control. The Lever Hand Control is environmentally protected, sealed to a rating of IP67 and is highly EMI resistant (SAE J1113). This allows for mounts inside or outside the cab.

The Lever Hand Control unit is equipped with a Hall-effect, non-contact sensor that can be programmed for analog output and/or integrated switches. In addition, the unit can be customized with contact or PWM sensors.

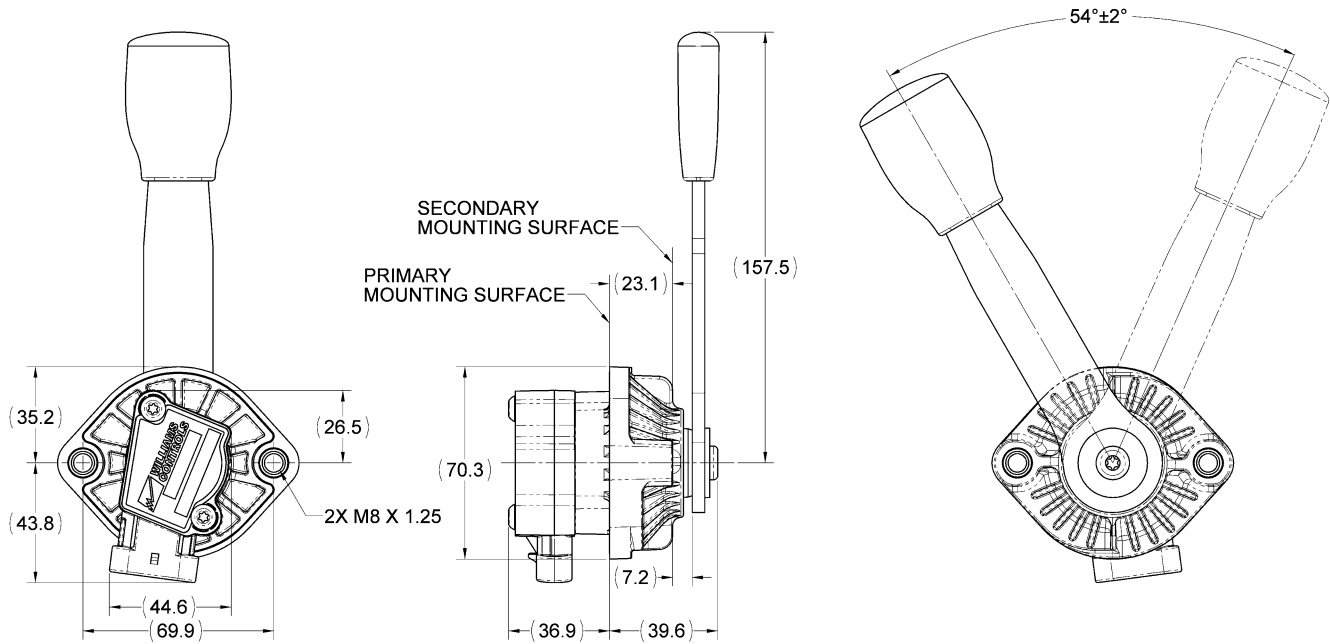
The Lever Hand Control has a molded Nylon 66 body, and features a powder-coated customizable steel lever arm with vinyl knob.



## SPECIFICATIONS

<b>PRODUCT LIFE</b>	Full Travel Cycles	800,000
<b>ELECTRONICS</b>	Seal Integrity EMI	Electronics IP67 sealed (IEC 60529) SAE J1113 Compliant
<b>ELECTRICAL</b>	Operating Voltage Output Signal	5V and 12V-24V Dual APS, Dual PWM, APS, PWM, APS/IVS
<b>TRAVEL ANGLE</b>	Degrees Operating Torque	54° 5.3 Nm
<b>MECHANICAL</b>	Max Torque Vibration	60 Nm 8 hour, 3-axis, random broadband up to 11g
<b>ENVIRONMENTAL</b>	Operating Temp Range Storage Temp Range Humidity Sand/Dust	-40°C to 85°C -40°C to 125°C 95% RH for 120 hours, 27°C to 75°C Tested to SAE J1455
<b>MATERIALS</b>	Main Body Knob/Lever Sensor Housing	Nylon 66 Vinyl/Corrosion Resistant Plated Steel PBT Polyester

**MECHANICAL DIMENSIONS (mm)**



**TYPICAL OUTPUT CHARACTERISTICS (other outputs are available)**

