

Mobile Pressure Switch
P04159 – Normally Closed
P04160 – Normally Open



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Features:

- Inline Mounting
- 4 Amp Rated Snap Action Micro Switch
- Brass Body
- Compact Size
- Spade Electrical Connection
- Field Adjustable 15 to 150 PSIG
- Rubber Boot Protection
- ±5% Repeatability @ 70°F (20°C) Ambient Temperature
- Temperature Range -40°F to 220°F (-40°C to 105°C)

Applications

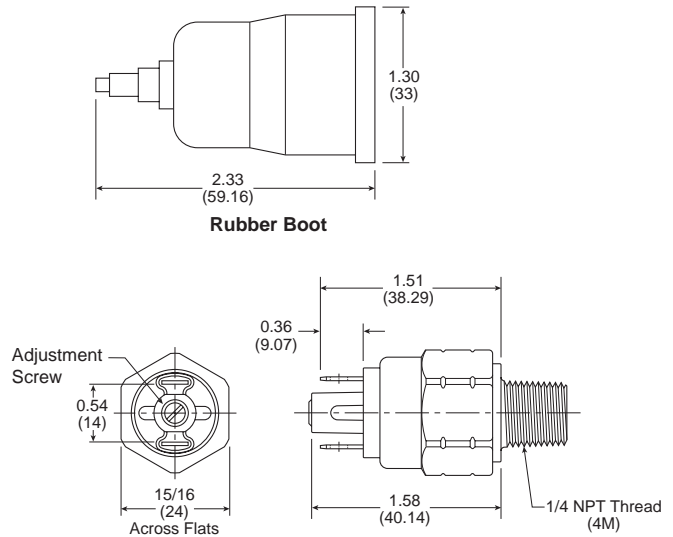
These Pressure Switches are intended for use in mobile, general-purpose, compressed air systems. Product is suitable for all trailer air-ride systems, truck suspension systems, associated bus door systems, and electro-pneumatic operations. The performance requirements and reliability are suitable for the extreme cold weather environment of North American winters.

Operation

The pressure switch monitors air pressure and provides an electrical output when the pressure drops below or exceeds an adjustable preset pressure.

Adjust the pressure switch using a flat head screwdriver; turn adjustment screw clockwise to increase set point or counterclockwise to decrease set point.

Dimensions



Kits and Accessories

Rubber Boot P04161

Specifications

Switch Position	
P04159.....	Normally Closed
P04160.....	Normally Open
Electrical Rating	100VA
Electrical Life.....	4 Amp in Rush @ 12VDC >2,000,000 Cycles
Maximum Inlet Pressure	300 PSIG (20 bar)
Mechanical Life	>2 x 10 ⁶ @ 75 PSIG (5 bar)
Electrical Connection	1/4 x 1/32 Spade
Electrical Protection	Rubber Boot
Repeatability	±5% @ 70°F (20°C)
Ambient & Medium	
Temperature Range	-40°F to 220°F (-40°C to 105°C)
Weight	0.14 lb. (0.06 Kg)

Materials of Construction

Diaphragm.....Kapton
Housing.....Brass