OEM CONTROLS INC.
CERTIFIED ISO 9001
CERT# US-1892

New Product Bulletin

Latest Hall Effect Push-Buttons (HP1 & HP2)

(HP1 representation on the right, HP2 representation on the left)

The HP1 is a Hall Effect push-button designed for long-life, ON-OFF operation, and incorporate positive tactile feedback to clear actuation. Mounting is similar to contractor type push-buttons used in our industry.

The HP2 is our proportional Hall Effect push-button. The HP2 button travel is nearly ¾ of an inch providing exceptional proportional feel for a push button assembly.

Both the HP1 & HP2 are IP67 rated and redundant sensor technology with over voltage to 8.5V and short-circuit protection.

Technical Specifications

HP1:

Level of Protection	• IP67
Mechanical Lifetime	• 10 million cycles
Travel Range	• 8mm
Operating Temperature	• -40°C to +80°C
Supply Voltage	• 5VDC
Output Voltage	• ON position provides 4.5V out at a maximum 100mA

HP2:

Level of Protection	• IP67
Mechanical Lifetime	• 10 million cycles
Travel Range	• 2.3mm
Operating Temperature	• -40°C to +85°C
Supply Voltage	• 5VDC
Output Voltage	• ON position provides .5-4.5V

WARNING: It is the purchaser's responsibility to determine the suitability of any OEM Controls product for an intended application, and to insure that it is installed and guarded in accordance with all federal, state, local and private safety and health regulations, codes and standards.
Due to the unlimited variety of machines, vehicles and equipment on which our controls are used, and the numerous standards which are frequently the subject of varying interpretation, it is impossible for OEM Controls personnel to provide expert advice regarding the suitability of a given controller for a specific application. The flexibility of our products allows us to offer thousands of custom configurations. We can advise you of the various features that are available and you can examine models to see what meets your needs. We believe our customers' engineering departments should be the qualified experts in their own product field. If the product will be used in a safety critical application, the customer must undertake appropriate testing and evaluation to prevent injury to the ultimate user.
Should you have any questions or if any of the above warning is unclear, please contact OEM Controls at 10 Controls Drive, Shelton, CT 06484, FAX: 203.929.3867, TEL: 203.929.8431.