

Sensing and Control

# SWITCHES



ISO 9001  
QS9000

# SWITCH APPLICATIONS

The odds are that Honeywell Sensing and Control can meet your switch demands. Designers of heavy-duty equipment have trusted Honeywell pressure and vacuum switches for many years in applications that are constantly subjected to harsh environments...from chemical splashes, salt water, high pressure spikes...we've got you covered. Our standard line is quite extensive, but if it is not exactly what your requirements call for we can modify an existing part or create an original just for you. Honeywell has produced millions of custom-built switches for automotive, pool and spa, powershift transmissions, anti-skid braking systems, excavator hydraulic systems, water pump systems, and dental air compressors, to name just a few. Our highly skilled model shop, certified lab and engineering staff can work with you through the design phase, prototype stage, all the way through to the testing phase. And if time is a crucial factor, rapid prototyping technology can now allow us to provide you with a sample in days.



**WARNING!** Suitability of application is responsibility of user. Extreme heat and vibration should be avoided at mounting points such as on top of an engine over a hot manifold. (MAX operation temp 250° F). Always install by using a wrench on the hex base. Torquing at any other part of the switch voids the warranty or may cause malfunction. A Polyimide film diaphragm is utilized in the pressure switch and is not recommended for use with water. However, a PTFE diaphragm is available for water applications. Compatibility with the brass or steel external pressure switch material is the responsibility of the user. For maximum operating pressures see appropriate switch family specifications. Contact Honeywell Engineering whenever use of switch or fluid compatibility is questioned.

- Ultra Duty Pressure Switches 10-400 psi . . . . . p.3
- Extended Duty Pressure Switches 0.5-150 psi . . . . . p.4
- Extended Duty Vacuum Switches 1.1-22" Hg . . . . . p.6
- Extended Duty Piston Switches 200-1000 psi. . . . . p.7
- Factory Set Variable Differential Pressure & Vacuum Switches 2-70 psi & 2-22" Hg . . . . . p.8
- High Pressure Environmentally Sealed Extreme-Duty Switches 35-3000 psi . . . . . p.9



**WARNING  
PERSONAL INJURY**

DO NOT USE these products as safety or emergency stop devices, or in any other application where failure of the product could result in personal injury. **Failure to comply with these instructions could result in death or serious injury.**