Honeywell

Industrial Product Line Card

MICRO SWITCH Limit Switches



HDLS Series Heavy-Duty Switches

- Industry-leading breadth-of-product offering: Standard, harsh-duty epoxy sealed, or stainless steel
- NEMA 1, 3, 4, 4X, 6, 6P, 12, 13 & IP65/66/67 sealing
- Enhanced mechanical life (50 million actuation cycles)
- Zinc head and body: phosphate treated & epoxy coated
- UL, CSA, CE, and CCC approvals for global use



GLS Series Global Switches

- Meet EN50041 & EN50047 & IEC electrical standards
- Direct-opening, normally closed contacts (except wobble actuators)
- Metal or plastic housings
- Dual bearing design on side rotary reduces side loading
- UL, CSA, CE, and CCC approvals for global use



Hazardous Location Switches

- Will withstand pressure of internal explosion
- Weather-proof, water-tight, and dust-tight
- Indoor and outdoor versions
- Smaller sizes, lower cost options, and analog outputs available
- UL, CSA, ATEX, IN METRO, and IEC Ex certified products



Safety Switches

- Positive-opening operation of normally closed contacts
- Designed for global acceptance; various sizes, actuators, housings, and configurations
- Cable-pull, non-contact, key-operated, and limit switch options
- Global approvals vary per switch Series

MICRO SWITCH Basic Switches



V15W Watertight Miniature Switches

- Miniature-sized basic switch designed for harsh-duty washdown areas
- Rugged, highly accurate machine control for turning circuits on and off
- Compact, lightweight, and long-lasting
- UL, cUL, ENEC, CQC approvals



V15W2 Explosion-Proof Miniature Switches

- Approved for use in Zone 2 hazardous locations
- Over one million mechanical operations
- For potential use in refrigeration units using alternatives for HFC and HCFCs
- UL, cUL, ENEC, CQC, IEC Ex approvals



BZ Premium Large Switches

- Accepted as the world-wide standard snap-action switch
- Designed for 100K operations at full load or 10M for mechanical life
- Current ratings from 10 A to 25 A
- UL/CSA, CE, ENEC approvals



V7 Series Premium Switches

- Delivers long-term reliability with a wide variety of electrical currents
- Designed for 100K operations at full load or 10M for mechanical life
- Current ratings from 0.1 A to 26 A
- UL, cUL, ENEC, CQC approvals

Heavy Duty Pressure Transducers



PX2 Series Heavy Duty Transducers

- Piezoresistive sensing technology with ASIC signal conditioning in a stainless steel housing
- Industry-leading TEB of ±2%
- 1 bar to 70 bar | 15 psi to 1000 psi
- Environmentally tough; withstands shock & vibration
- IP65 or IP69K, depending on connector



PX3 Series Heavy Duty Transducers

- Piezoresistive sensing technology with ASIC signal conditioning in a brass housing
- Industry-leading TEB as low as ±1.0 %FSS
- 0 bar to 50 bar | 0 psi to 700 psi
- Environmentally tough; withstands shock and vibration, freeze-thaw cycles
- IP65, IP67, or IP69K, depending on connector



MLH Series All-Metal Transducers

- ASIC technology combined with a media isolated, metal diaphragm design
- TEB as low as 2 %FSS
- 0 bar to 550 bar | 50 psi to 8000 psi
- All metal wetted parts with no internal elastomeric seals
- Six standard output options
- Input reverse voltage protection



SPT Series Stainless Steel Transducers

- Designed for media that will not adversely attack 316L stainless steel
- 0 psi to 3 psi, 0 psi to 5000 psi
- NEMA 4 design in a rugged, stainless steel housing
- Absolute, gage, sealed gage, vacuum gage pressures
- Three standard output options



13mm/19mm Stainless Steel Transducers

- Rugged, isolated stainless steel package
- Small package size
- Reliable semiconductor technology
- Compensated and uncompensated options
- Absolute and gage pressures
- Vacuum compatible, isolated sensors available

Pressure Switches



HP, HE, LP, and LE Series

- Gauge pressure devices available with either SPST-NO, SPST-NC, or SPDT circuitry
- Life cycle rating up to two million
- Factory set or field adjustable options
- Hysteresis option (HP Series and LP Series only)
- Variety of pressure ports and electrical terminations
- IP67 sealing; UL508 pending, CE approvals



MICRO SWITCH Operator Controls



NT Series Commercial-Grade Switches

- Quality construction includes a seal between the toggle lever and bushing, and between the cover and case
- 1-, 2-, and 4-pole options
- 2- or 3-position maintained and momentary action
- NEMA 3, 3R, 4, 13 and IP67/68 environmental sealing
- UL recognized, CSA certified, and CE certified



Push-Pull Switches

- Sliding contact switch incorporating two circuits with multiple combinations
- Positive disconnect suitable for e-stop
- Momentary push version available
- Excellent vibration and shock resistance
- UL, CE certified



Hour Meters

- Feature accuracy to ±0.02%
- Various mounting configurations and sealing options
- Excellent vibration and shock resistance
- LCD display
- ac meters have CE mark
- UL, CSA certified

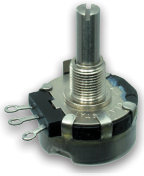
SMART Position Sensors



SPS Series

- Enables highly accurate motion control and improves operation efficiency and safety
- Linear, arc, and rotary configurations
- Non-contacting technology provides enhanced life
- Self diagnostics to reduce equipment downtime
- IP67, IP69K for harsh applications; CE approvals

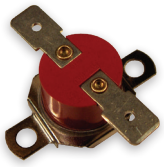
Potentiometers



380/RV4/485/53C/385 Industrial Series

- Retains position memory when power is off
- Stable over a range of operating temperatures, and provides high power dissipation
- Compact and rugged, thick-film devices
- Rotary, push-pull, and momentary options
- Certain listings carry MIL approvals

Thermal Solutions



Commercial Thermostats

- Half-inch, snap-action, bi-metallic, SPST non-hermetic
- Automatic and manual reset options
- Phenolic or ceramic housings
- Wide variety of mounting brackets and terminals
- Operating temp. range up to 260 °C [500 °F]
- UL, CSA, and other international agency approvals



Thermistors

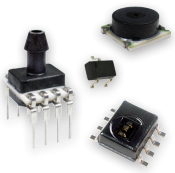
- Can be used as both a temperature monitor and control
- Available in a wide range of resistance values
- Variety of packages and styles from leaded devices to surface-mount versions
- Tolerances as low as ±1%
- Extremely stable over life



Packaged Temperature Probes

- Operate with enhanced sensitivity, reliability, and stability under diverse shock, vibration, and corrosive conditions
- Allow for monitoring of harsh gaseous and liquid environments
- On-board signal conditioning circuitry available
- Wide selection of resistances and terminations

Board Mount Solutions



TruStability™ Pressure Sensors, Basic Pressure Sensors, Digital Hall-effect Sensor ICs, Honeywell HumidIcon™ Humidity/ Temperature Sensors

- Small, robust solutions well suited for board mounting
- Industry-leading, long-term stability, reliability, accuracy, and flexibility (TruStability RSC, HSC, SSC, NSC, TSC Series)
- Cost-effective solution (Basic ABP, NBP, TBP Series)
- Bipolar, latching, unipolar, and omnipolar Hall-effect sensor ICs); nanopower (SM351LT, SM353LT magnetoresistive sensor ICs)
- Digital relative humidity (RH) and temperature sensors combined in the same package; accuracy up to ±1.7 %RH (HumidIcon™ HIH6000, 6100, 7000, 8000 Series)



Honeywell Zephyr™ Airflow Sensors, HAF Series

- Total Error Band as low as ±0.25 %FSS
- Standard flow ranges from ±50 SCCM to ±750 SCCM
- Full calibration and temperature compensation
- Customizable flow ranges; configurable
- Digital or analog interface

For more information

Honeywell Advanced Sensing Technologies services its customers through a worldwide network of sales offices and distributors. For application assistance, current specifications, pricing, or the nearest Authorized Distributor, visit sps.honeywell.com/ast or call:

Asia Pacific	+65 6355-2828
Europe	+44 1698 481481
USA/Canada	+1-800-537-6945

Honeywell
Advanced Sensing Technologies
830 East Arapaho Road
Richardson, TX 75081
sps.honeywell.com/ast

000803-5-EN | 5 | 04/21
Copyright © 2021 Honeywell International Inc.

Honeywell