Industrial Product Line Card

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/CrSA, 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 ±0.5 %FSS
- 0 bar to 550 bar | 0 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

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

Pressure Switches
**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, CE certified

**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

**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

**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

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**For more information**

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

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