

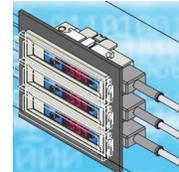
# SMC PNEUMATIC DIGITAL PRESSURE SWITCH

SMC PART ISE/ZSE



## SMC Pneumatic Digital Pneumatic Pressure Switch

Digital pressure switches monitor positive and vacuum pressures, displaying instantaneous readings as well as transmitting output signals when critical set points are detected. Switch outputs can trigger machine controls for continuing operation, emergency response, or maintenance. An amazing set of capabilities are packed into these small cubes.



### BENEFITS

- > Simple to use and easy to spec.
- > Small size means vertical mounting space is reduced by approximately 50%
- > Copy up to 10 switches simultaneously
- > Two color display accentuates abnormal readings
- > Programmable power-saving function
- > Multiple mounting configurations

### FEATURES

- > Lock out code prevents tampering or accidental changes
- > Piping possible from two directions.
- > Vacuum pressure, compound pressure and positive pressure types
- > Two output types: NPN or PNP

- > Resolution conversion function eliminates display flicker.

### SPECS

- > M5 port, 1/8" PT port, 1/8" NPT port
- > 12 VDC to 24 VDC
- > 40mA or less power consumption
- > Compliant with UL, CE, CSA, RoHS
- > M8 3-pin, M12 4-pin, and M12 5-pin connectors available
- > +/- 0.2% of full span for repeat accuracy
- > IP40 and IP60 options available
- > Output 1-5V and 4-20mA



## Features

### TWO-COLOR DISPLAY

The SMC pressure switch features a two-color display. A GREEN readout lets operators know at a glance that everything is running to spec as programmed. A RED readout makes identifying an abnormal reading easy from a distance, and tells the operator that further investigation is needed.

### COPY TO MULTIPLE SLAVE SWITCHES

Using the master switch, settings

can be copied to as many as 10 slave switches. This allows for easy programming up and down a line using similar settings. No more fumbling around programming switch after switch. Raised rubber buttons on the switch make programming easy and comfortable, even for operators with large fingers.

### SPECIAL, HANDY FUNCTIONS

A **secret code setting function** prevents operation by anyone other than the designated operator while

the keys are locked (eliminating unintentional keying errors). The **power saving function** allows for the display to be "turned off" to power savings of up to 20%. The **resolution conversion function**, while not affecting the accuracy of the reading, eliminates "flicker" in the display by moving the decimal in the number. The **MPa/kPa switching function** allows the readout to switch between these measurements — you choose which measurement system to have displayed.



Home of the *LEGENDARY* Customer Experience!

877.906.2100

Email: info@iidm.com

www.innovativeidm.com