Thank you for purchasing an SMC ISE35 Series Digital Pressure Switch.

Please read this manual carefully before operating the product and make sure you understand its capabilities and limitations. Please keep this manual handy for future reference.

To obtain more detailed information about operating this product, please refer to the SMC website (URL http://www.smcworld.com) or contact SMC directly.

### Safety Instructions

These safety instructions are intended to prevent hazardous situations and/or equipment damage. These instructions indicate the level of potential hazard with the labels of "Caution", "Warning", or "Danger". They are an important note for safety and must be followed in addition to international standards (ISO/IEC) and other safety regulations.

- **Caution**: Indicates a hazard with a low level of risk which, if not avoided, could result in minor or moderate injury.
- **Warning**: Indicates a hazard with a medium level of risk which, if not avoided, could result in death or serious injury.
- **Danger**: Indicates a hazard with a high level of risk which, if not avoided, will result in death or serious injury.

### Wiring

Connection should only be made with the power supply turned off.

- Use separate routes for the Pressure switch wiring and any other high voltage wiring. Otherwise, malfunction may result due to damage.
- Ensure that the PG terminal is grounded to prevent using a commonly available switch-mode power supply. When using a switch-mode power supply, ensure that the supply is isolated from the pressure system. The pressure system and the product specification can no longer be met. This can cause a variation in the pressure and the product specification cannot no longer be met. This can cause a variation in the pressure and the product specification cannot no longer be met.

### Mounting and Installation

- The product manual is intended for those who have knowledge of machinery using pneumatic equipment, and have sufficient knowledge of assembly, operation and maintenance of such equipment. Only those persons allowed to perform assembly, operation and maintenance.
- Read and understand the operation instructions before assembling, operating or providing maintenance to the product.

### Function Setting

**Default setting**
At the time of shipment, the following settings are provided.

- If the setting is acceptable, keep it for use.
- Other settings can be changed. Refer to the SMC website (URL http://www.smcworld.com) for more information about setting changes, or contact SMC.

### Troubleshooting

- **Error indication**
- The function is to display error location and content when a problem or an error occurs.

### Specifications

Refer to the product catalog or SMC website (URL http://www.smcworld.com) for more information about troubleshooting.

### Maintenance

How to reset the product after a power cut or force-energizing

The setting of the product will be retained at least as long as a power cut or de-energizing.

The output condition is basically recovered to that before a power cut or de-energizing, but may change depending on the operating environment.

Therefore, check the safety of the whole installation before operating the product. If the installation is using automatic control, wait until the product has warmed up (approximately 30 minutes).

### Other Settings

- **Peak / Bottom hold display**
- **Zero clear**
- **Key lock**

To set each of these functions, refer to the SMC website (URL http://www.smcworld.com) for more detailed information, or contact SMC.