

### DESCRIPTION

The NUTECH model 4065 PMAP is two (2) model 40PSR pressure-sensing relays assembled on a manifold with a model 30C1P1 three-way manual reset relay with pin latch. The pressure sensors are configured for a high/low pressure sensing application at a single process point. The manual reset relay allows for a local control device that applies the required supply pressure to operate an end device, with manual reset and pin latch option. This assembly is suited for applications where pressure sensors and three-way block and bleed of a control signal, such as control of a shutdown valve is required, with lock out capability.

### FEATURES

#### Pressure sensing relay

Sense pressure ranges from 30 psig to 10,000 psig.

Combination of springs and pistons deliver optimum performance over a variety of pressure ranges.

Springs can be removed or replaced without disconnecting sense line or control lines.

Routine maintenance procedures can be performed without removing the device from the manifold in most applications.

#### Three-way relay

The pin latch provides lock-out capability with automatic unlatching when pilot port pressure is present.

Relay design provides center crossover closed condition during spool travel.

Routine maintenance procedures can be performed without removing the device from the mounting in most applications.

### SPECIFICATIONS

<b>Operating Pressure Range</b>	30-10,000 psig (customer specified)
<b>Material</b>	316 SS per ASTM A-276
<b>O-ring</b>	Viton <sup>®</sup> , Temp. range: -15°F to + 400°F (std.) BUNA-N, Temp. range: -65°F to + 215°F (opt.) HNBR, Temp. range: -40°F to +325°F (opt.)
<b>Knob (30C1/30C1P1)</b>	Delrin <sup>®</sup> (std.) Stainless Steel (opt.)
<b>Adjustment cap (40PSR)</b>	Delrin <sup>®</sup> (std.) Stainless Steel (opt.)
<b>Height</b>	12.0"
<b>Width</b>	10.5"
<b>Depth</b>	6.0"
<b>Connections (pilot and relay)</b>	1/4" FNPT
<b>Connections (manifold)</b>	1/2" FNPT
<b>Weight</b>	17 lbs.



Model 4065PMA 40PSR High/Low Pilot Manifold Assembly