

# Type 3110 & 3120

Product Information  
Model 3110 / 3120  
Electronic Controller

## Features

- Very compact
- Mounts on panel, DIN rail, or directly to multi-station manifold
- Not sensitive to mounting orientation
- No air consumption at steady state output pressure
- Multiple command/monitor signals
- Closed Loop - single loop standard, double loop optional

## Applications

- Instrumentation
- Manufacturing
- Process Control
- Medical
- Web Tension
- Automation

## Operational Description

- The new Model 3110 electronic pressure controller is one of the most compact card-mounted units in the Type 3000 product line.
- Standard command signal inputs are 0-10 VDC or 4-20 mA. A 0-10 V monitor signal is standard, but others are available.
- A pressure sensor in the manifold block permits accuracy to  $\pm 0.5\%$  or better, full scale.
- Many output ranges are available, from 29" Hg / 740mm Hg vacuum to 600 psig / 41 BAR (in different models.)
- Two manifold blocks are available

1. Front ports that can be mounted directly to a panel with fasteners, perpendicular to the ports. Or it can be inserted into a DIN rail adapter tray as shown in the illustration.

2. The manifold block has ports on the bottom and can be mounted on a multi-unit manifold system. In this model the lower edge of the circuit board is flush with the bottom of the block. Custom multi-unit manifolds are available.

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# SPECIFICATIONS

## PNEUMATICS

Output Pressure Ranges	Vacuum to 600 psig (41 BAR)
Flow	1.25 SCFM max. (35.3 slpm)
Min. Control Vol.	1 cu. inch
Filtration	40 micron built-in
Linearity (independent)	± 0.2% FS
Repeatability	± 0.2% FS
Accuracy	± 0.5% FS
Hysteresis	± 0.5% FS
Supply Pressure	110% of max output pressure

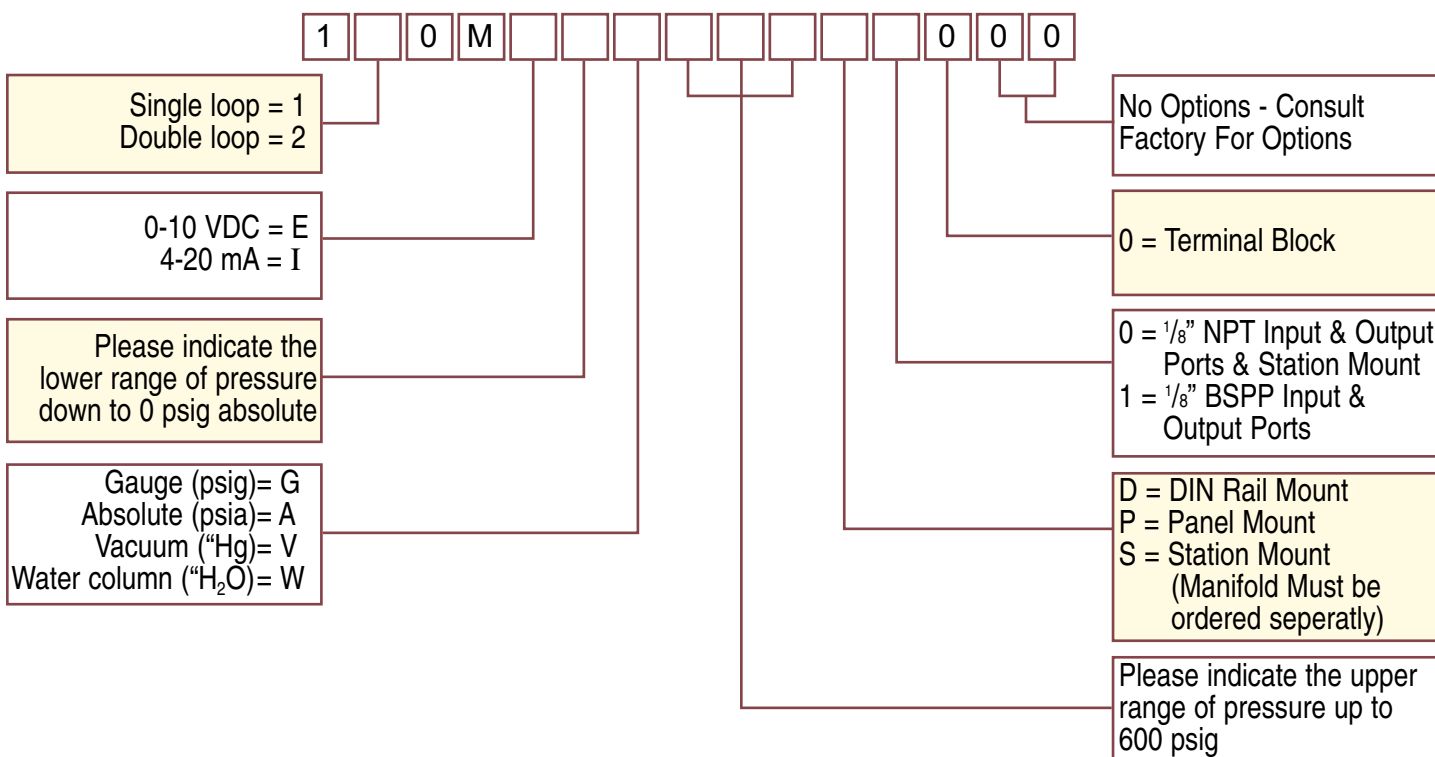
## ELECTRICAL

Supply Voltage	15-24 VDC
Supply Current	80 mA standby; 250 mA max
Command Signal (field selectable)	
Voltage	0-10 VDC
Current	4-20 mA
Monitor Signal	
Voltage	0-10 VDC standard
TTL	OVDC Low, 5VDC High

## ENVIRONMENTAL

Operating Temp	32 to 141°F (0 to 60°C)
Materials	
Wetted Parts	Aluminum, nickel, silicon, BUNA-N, 316 SS

## HOW TO CREATE A 3110 or 3120 PART#



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