

# Type 3215

## Product Information Model 3215 Electronic Controller

**MB** T-3215 Electronic Controller

### Features

- Single unit - integrated controller & booster
- Very high flow volume booster - greater than 200 SCFM
- High accuracy control of air pressure
- Low air consumption
- Weatherproof
- Shock resistant, position insensitive

### Applications

- Roll Forming
- Food Processing
- Process Control
- Air Motors
- Tire Production
- Web Tension
- Machine Tools

### Operational Description

The new Model 3215 combines the reliable Type 3000 solenoid valve technology with Bellofram's new, highly accurate high flow booster. Single unit construction eliminates the external tubing and connectors typically needed for large flow systems. An internal sensor maintains high accuracy for the system. The epoxy-painted case is weatherproof for outdoor or dirty industrial environments.

- Input choices: 0-10 VDC or 4-20 mA
- Standard output ranges: 0-30, 0-100, 0-150 psi (0-2.1, 0-6.9, 0-10.3 BAR)
- Custom output ranges are available
- Supply/output port sizes: 3/8", 1/2", 3/4", 1" NPT, & BSPP
- Available with Analog or Logic Monitoring of Output
- Optional analog output echoes the feedback signal from the onboard pressure sensor; logic monitor indicates the idling/searching status of the unit.

*ElectroPneumatics*

**MB** MARSH BELLOFRAM®

# SPECIFICATIONS

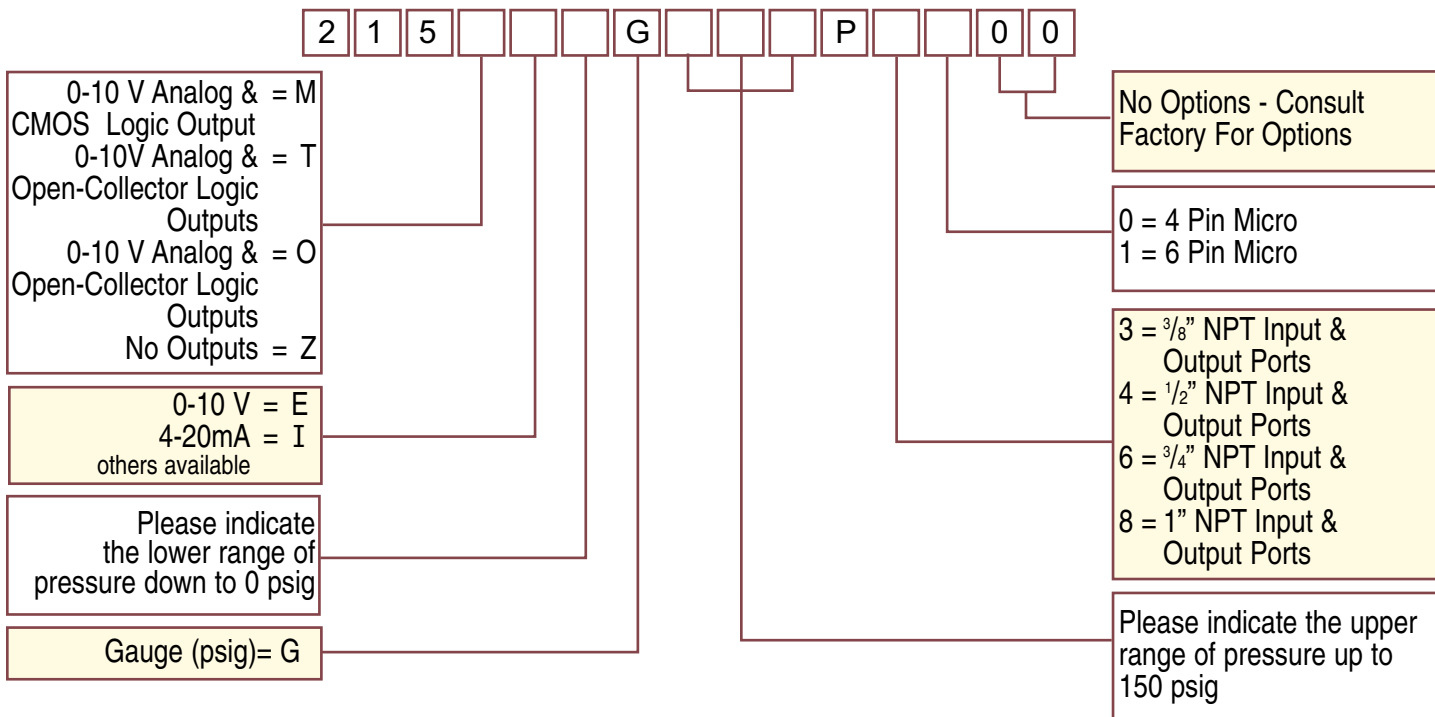
## PNEUMATICS

Output Pressure Ranges <sup>1</sup>	0-30 psig (0-7.1 BAR)
	0-100 psig (0-6.9 BAR)
	0-150 psig (0-10.3 BAR)
Flow	200+ scfm (5,050+ slpm)
Reverse Flow <sup>2</sup>	30 scfm (756.8 slpm)
Filtration	60 mesh screen built-in
Linearity (independent)	± 1% FS
Repeatability	± 1% FS
Accuracy	± 1% FS
Hysteresis	± 1% FS
Supply Pressure Range	110% max output pressure up to 200 psig / 13.8 BAR max

## ELECTRICAL

Supply Voltage	15-24 VDC
Supply Current	80 mA standby 325 mA max
Command Signal	
Voltage	0-10
Current	4-20 mA (sinking)
Monitor Signal	
Voltage	0-10 VDC
TTL	OVDC low, 5 VDC high

## HOW TO CREATE A 3215 PART#



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### ENVIRONMENTAL

Operating Temp	32° to 141°F (0° to 60°C)
Materials	
Wetted Parts	Aluminum, nickel, silicon, BUNA-N, 316 SS
Port Sizes	
Supply & Control Port	See ordering code
Gauge	1/4" NPT, BSPD, BSPP, BSPT
Exhaust	1/4" NPT, BSPP (relay), 1/8" NPT, BSPP (manifold)
Weight	5 lbs. 14 oz. (2.7 kg)

<sup>1</sup>For pressure below 30 psig/2.1 BAR consult factory

<sup>2</sup>Specification based upon raising the output pressure 5 psig/0.35 BAR above a 20 psig /1.4 BAR setpoint.

