

Product Specification

Description ■

Type-900X I/P pressure regulators converts an electrical signal (current or voltage) to a proportional pneumatic output. Utilizing internal solid-state feedback circuitry, the Type-900X provides precise, stable pressure outputs to final control elements. Immunity to the effects of vibration or mounting position, high tolerance to impure air, and low air consumption make this unit ideal for use in demanding applications.

Features ■

- Reliable in Harsh Environments
- Low Air Consumption - 3 SCFH typical
- High Accuracy ± 0.10% of span
- Nema-4X (IP65) Enclosure
- Vibration / Position Insensitive
- Compact Size
- Supply Pressures up to 100psi (6.9 bar)
- Input/Output Ports on Front and Back
- Conduit Fitting
- Split Range Operation
- Field Reversible

Specifications ■

Input	4-20mA
Output	0-30psi (0-207 kPa)
Air Consumption	4.0 scfh (0.11 m ³ /hr) at mid-range
Supply Pressure	100psig (6.9 bar) maximum.
<i>Note: Supply pressure must be a minimum of 5psig above maximum output.</i>	
Flow Capacity	4.5 scfm (7.6 m ³ /hr) at 25psig (1.7 bar) supply
At Mid-Range	12 scfm (20.0 m ³ /hr) at 100psig (6.9 bar) supply
Temperature Limits	
Operating	-40° to +160°F (-40° to +71°C)
Storage	-40° to + 200°F (-40° to + 93°C)
Loop Load, I/P Transducer	7.5 VDC @ 20mA



Physical Specifications ■

Port Sizes

Pneumatic	1/4" NPT
Electric	1/2" NPT

Media

Clean, dry, oil-free, air filtered to 40 micron

Mounting

Wall, panel, 2" (50mm) pipe, yoke or DIN rail (optional)

Materials ■

Housing: Chromate treated aluminum with baked paint. NEMA-4X (IP65)

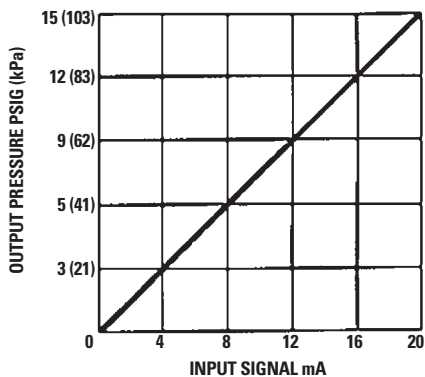
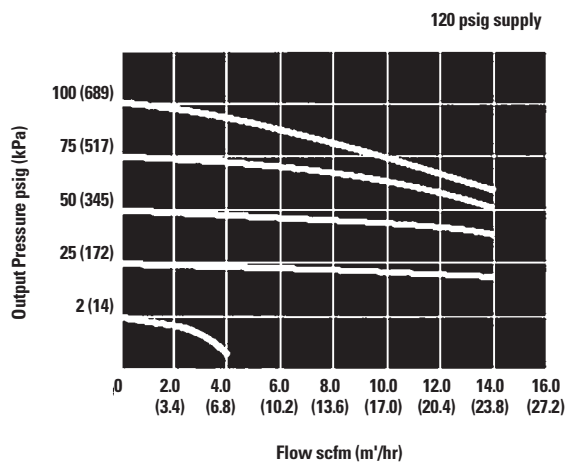
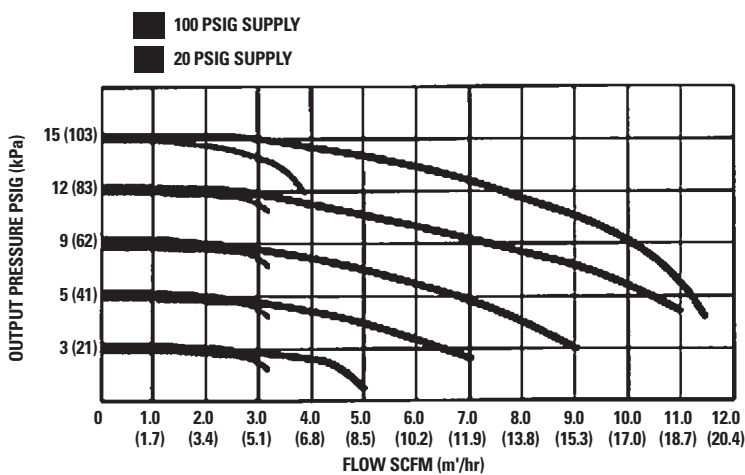
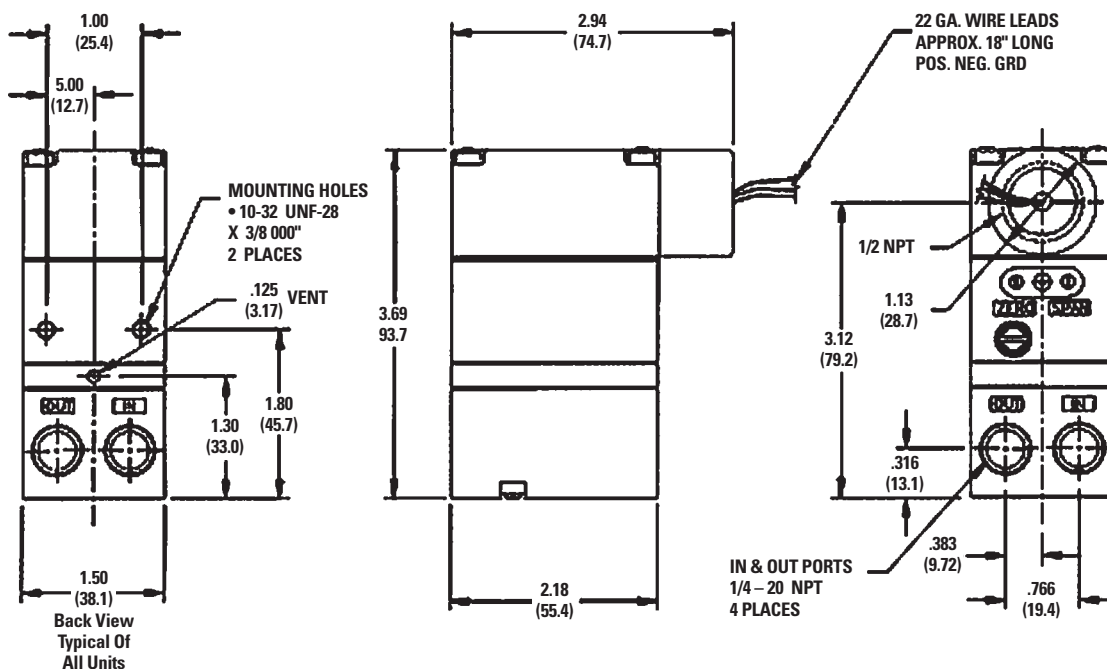
Elastomers: Buna-N

Trim: Stainless steel, brass, zinc-plated steel

Weight: 13.0 oz. (0.4 kg)

Supply Voltage, E/P Transducer: 7-30 VDC, less than 3mA

Dimensions ■



CALIFORNIA PROPOSITION 65 WARNING
WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. (California law requires this warning to be given to customers in the State of California.)
 For more information: www.watts.com/prop65

ENGINEERING APPROVAL

Project: _____
 Contractor: _____
 Architect/Engineer: _____