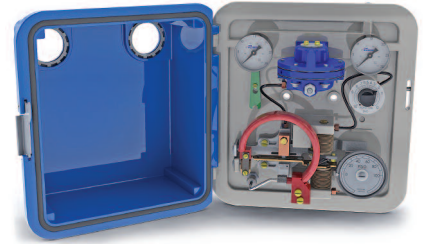


NEW! SERIES 4900 PNEUMATIC PRESSURE CONTROLLERS

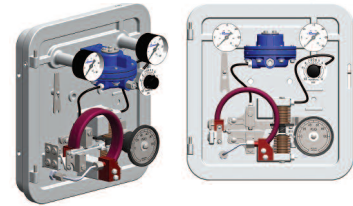
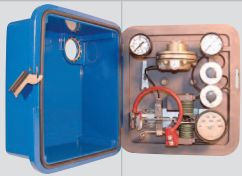


Series 4900 pneumatic pressure controllers combine reliable, low-emission operation with service-enhanced design. Series 4900 controllers provide control in proportional-only, proportional plus integral (reset), differential gap or transmitter modes. Standard pressure ratings up to 10,000 psig are available with 316 SST Bourdon tube sensing elements (consult Norriseal for higher pressure ratings).



Features

- Flush-mounted internals and open design allow easy access and repair
- Removable door
- Easy, field-reversible action
- Significantly reduced leak paths minimize bleeding of valuable gases
- NACE MR0175-2002 compliance with optional diaphragm seals to isolate sensing element
- Optional instrument air regulator



Specifications:

Proportional Band Adjustment:

3 to 100% (3 to 15 psig) or 6 to 100% (6 to 30 psig) of sensing element range

Reset Adjustment: 0.01 to 100 repeats per minute (0.01 to 74 minutes per repeat)

Differential Gap Controller: 15 to 100% of sensing element range

Remote Set Point Signal: 3 to 15 psig for controller with 3 to 15 psig output signal; 6 to 30 psig for controller with 6 to 30 psig output signal

Zero-Adjustment/Transmitter Only:

Continuously adjustable with sensing element range

Span Adjustment/Transmitter Only:

6 to 100% of sensing element range

Ambient Operating Temperature Range:

Standard: -40 to 160°F (-40 to 71°C)
High-temperature: 0 to 220°F (-18 to 104°C)

Typical Ambient Temperature Operating Effect:

Proportional control only: output pressure changes +/- 3.0% of sensing element rating for each 50°F (28°C) change for a controller set at 100% Proportional Band

Reset control only: output pressure changes +/- 2.0% of sensing element rating for each 50°F (28°C) change for a controller set at 100% Proportional Band

Supply and Output Connections:

1/4 inch NPT female

Supply and Output Gauges: Available with scale indications of psig, kg/cm²

Mounting: Wall, panel, or directly yoke or diaphragm case of valve

Models

Model 4950A – proportional-only control

Model 4960A – proportional plus integral (reset) control

Model 4970A – differential gap control

Model 4980A – transmitter only control