

The Widest Range of Products for Diverse Market Applications



For 50 years, Fairchild Industrial Products Company has maintained an excellent reputation as a manufacturer of precision, high quality, pneumatic, and electro-pneumatic controls. Our line of industrial control products offers one of the largest varieties of precision pneumatic and electro-pneumatic control devices available for process, machine tool, robotic and OEM applications.

Our developing technology in four main product groups - pneumatic pressure regulators, volume boosters, relays and electro-pneumatic transducers has been the basis for our growth and leadership.

Fairchild Industrial Products Company is ISO 9001 approved. We are authorized to display the CE mark on our electro-pneumatic products.

Many of our electro-pneumatic products are also approved for intrinsically safe, explosion-proof, and NEMA 4X (IP65) ratings by FM, CSA, ATEX and SAA.

Our worldwide network of stocking distributors can assist you with application support at the local level. At the factory, our applications engineering staff can solve your problems with new or existing applications. We can work with your plant and design engineers to develop a custom product to suit a specific application.

At Fairchild Industrial Products Company, we have built our reputation on providing quality products, excellent customer service, quick delivery, and immediate response to customer emergencies.

Fairchild Products By Industry

Oil & Gas



Brake Control, Compressor Control, Compressor Starting System, Choke Control, Damper Control, Drilling, Pneumatic Mud Monitoring System, Fuel Supply Louver Control, Process Control and Valve Control.

Chemical



Constant Voltage Control, Controlled Air Pressure, Corrosive Material, Heat Exchanger Control, Nitrogen Tank Blanketing, Pneumatic Pressure Switch, Pressure Valve Control, Process Control, and Waste Water Flow Control.

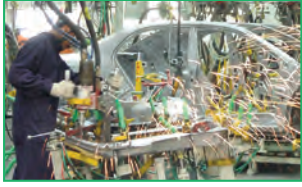
Pharmaceutical



Constant Voltage Control, Corrosive Material, Distillation Process, Mixing Speed Control, Multi-pen Recorder Ink, Nitrogen Tank Blanketing, Pneumatic Pump Control, Tank Blanketing, Tank Level Gage, Valve Control, and Ventilation (Damper).

I/P and E/P Transducers	Pressure Regulators	Pneumatic Relays	Volume Boosters
T6000, T7800, TXI7800	10, 10BP, 63, 65, 100, 2400 Series	14, 24, 90, 91	20, 200, 200XLR, 4500A
T5200, T6000, TXI7800, T7900, T7950	10BP, 63, 65, 81	24	20, 200, 4500A
T5700, T6000, T7800, TXI7800	50, 65, 66, 66BP, 70B, 81, 1600A	24	20, 200, 4500A

Industrial Automation



Clean Room Air Pressure/ Temperature Control, Fuel Valve Control, Inflation and Test Pressure, Heat-treating Furnace, Injection Mold Control, Pick and Place Robot, Robot Spray Gun, Test Equipment - Manual and Automated, and Weld Pressure Cylinder Control.

Medical/Biotech



Biotherapeutic Delivery Devices, Damper Control, Heart/Shunt Devices, Fluid Testing, Hyperbaric Chambers, Infant Respirators, Microfluidics, Protein Crystallization, Gas Management, Tank Blanketing, Valve Control, and Ventilatory Systems.

Food & Beverage



Constant Voltage Control, Controlled Air Pressure, Corrosive Material, Distillation Process, Fill Systems, Heat Exchanger Control, Hopper Blanket, Product Dispensing Control, and Valve Control - Flow and Temperature.

Power Generation



Absorption Distillation, Air Purification/ Treatment Analyzer Sampling Systems, Damper Control, Condition Monitoring, Emission Control, Feed Pump Control, Pneumatic Pump Control, Purification Process Control, Steam Process Control, Tank Level Gage and Valve Control.

Pulp & Paper



Brakes - Wind/Unwinds Stands, Damper Control, Edge Guiding, Fiber Stock Forming, Ink Jet Marking Systems, Machine Control, Paper Machinery Felt Guide, Wet Side Sheet Forming, Tension Control, Valve Control, Waste Water Flow Control and Web Tension Control.

Automotive



Concentric Testing, Data Acquisition, Inspection/Gaging, High Pressure Steam Temperature Control, Paint and Finishing Systems, Robotics, Tire Molding, Uniformity Testing, Web Tension and Welding.

Textile Manufacturing



Brakes - Wind/Rewind, Dye Application, Hopper Blanket, Machine Control, Pneumatic Pump Control, Pressure Control, Tank Refill, Waste Water Flow Control, Web Guide and Web Tension Roll & Stand Brake.

I/P and E/P Transducers	Pressure Regulators	Pneumatic Relays	Volume Boosters
T5220, T6000	10, 16, 30, 65A, 70, 81, 1000, 1600A, 4000A		4500A
T5700, T6000, T7800, TXI7800	50, 65, 2400 Series	15	20, 4500A
T5220, T5700, T6000, T7800, TXI7800, T7900, T7950, T8000	10, 30, 65A, 200, 2000, 4000A	14, 24	20
T7800, TXI7800, T8000	63, 65A, 2400 Series		20, 200, 4500A
T5220, T5221, T6000, T7800, TXI7800, T7900, T7950, T8000	10, 16, 30, 65A, 70, 80, 81, 85, 100, 1000, 2800, 4000A	14, 15, 21, 22, 25, 90, 91, 1500, 2500	20, 200, 2000, 4500A
T5200, T5220, T6000, T7800, T7900, T7950	10, 16, 30, 65A, 70, 80, 81, 1000, 1600A, 4000A	90, 91	20, 200, 4500A
T5700, T6000, T7800, TXI7800	10, 30, 64A	14, 15, 21	20, 4500A

Volume Boosters



	20 Precision Booster	200 High Flow Booster	200XLR High Forward & Exhaust Flow Booster	2000 No Bleed Booster	4500A High Flow No Bleed Booster	4800/4900 High Flow Booster
Flow Capacity SCFM(m³/HR) Supply= 100 psig	45 (76.5)	1500 (2550)	1500 (2550)	40 (68)	150 (255)	500 (850)
Exhaust Capacity: Downstream pressure 5 psig above 20 psig set point	7.5 to 11 (12.8 and 18.7) Varies with ratio	65 (110.5)	325 (552.5)	16 (27.2)	40 (65.2)	100 (170)
Sensitivity: Inch/WC (cm)	.25 to 1.50 (.64 to 3.8) Varies with ratio	1.0 (2.54)	1.0 (2.54)	<1.0 (2.54)	1.0 to 3.0 (2.54 to 7.62) Varies with ratio	0.5 (1.27)
Supply Pressure Var: PSIG (KPa) For Supply Change =100psig	0.1 to 0.60 (0.7 to 4.0) Varies with ratio	<0.5 (<3.5)	<0.5 (<3.5)	<0.1 (<0.7)	0.1 to 0.3 (0.7 to 2.1) Varies with ratio	0.1 (<0.7)
Supply Pressure (Max): PSIG (kPa)	250 (1700)	250 (1700)	250 (1700)	250 (1700)	250 (1700)	250 (1700)
Max Signal/Output Pressure: PSIG (kPa)	Varies (see Catalog)	150 (1000)	150 (1000)	150 (1000)	Varies (see Catalog)	150 (1000)
Dimensions (Approx): Inches (mm)	Dia. 3 H 4 1/4 (Dia. 76 H 114)	5 1/2 H 7 7/8 (Dia. 140 H 200)	9 1/2 x 5 1/2 x 9 3/4 (241 x 140 x 248)	2 x 2 x 3 1/4 (54 x 54 x 83)	Dia. 4 1/2 x 5 1/4 (Dia. 114 H 133)	Dia. 6 1/2 x 8 (Dia. 165 H 204)
Ratio Available	1:1, 1:2, 1:3, 2:1, 3:1 1:4, 4:1, 1:5, 5:1, 1:6	1:1	1:1	1:1, 1:1.6	1:1, 1:2, 1:3, 2:1, 3:1	1:1
Pipe Size	1/4", 3/8"	1", 1 1/2"	1 1/2"	1/4", 3/8"	3/8", 1/2", 3/4"	3/4", 1"