



ETR Series - Electro-Pneumatic Proportional Pressure Regulators

Electrically controlled proportional pressure regulators providing extremely low hysteresis. The Selection Guide provides a summary of the 16 different Electro-Pneumatic Proportional Pressure Regulators.

- PWM Driven, 2 Valve Design
- Closed Loop Design
- Low Pressure Control Upon Request
- Low Hysteresis and Linearity Design
- Vacuum Models Available
- RoHS Compliance

Improve the performance and reduce the size of your next generation machine. Koganei sets the standard for supplying innovative high-quality solutions with unmatched reliability. Optimized designs, with a wide variety of styles and sizes, increase speed to market as well as provide solutions for most applications. Expedite deliveries with product stocked in the USA.

KOGANEI is committed to your success from concept, to initial design, to final delivery and beyond.

Operations

Proportional Regulator

Proportional Regulator Low Pressure

ETR Series - Electro-Pneumatic Proportional Pressure Regulators

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Model	Operation	Port Sizes metric [imperial]	Width mm [in]	Modular	Max Flow l/m [cfm]	Input Signal	Output Signal	Linearity +/- % Full Span	Set Pressure Range MPa [psi]	Relief Start Pressure MPa [psi]	Gauge Port Sizes metric [imperial]	Operating Pressure MPa [psi]	Temperature Range °C [°F]
ETR010	Proportional Regulator	Rc1/8 [upon request]	42 [1.65]	No	18 [0.6]	1 - 5 VDC	1 - 5 VDC	1.0	0.005 - 0.7 [0.7 - 101.5]	Consult Factory	N/A	0.9 [130.5]	5 - 50 [41 - 122]
ETR010-1	Proportional Regulator	Rc1/8 [upon request]	42 [1.65]	No	18 [0.6]	0 - 5 VDC	1 - 5 VDC	1.0	0.005 - 0.7 [0.7 - 101.5]	Consult Factory	N/A	0.9 [130.5]	5 - 50 [41 - 122]
ETR010-2	Proportional Regulator	Rc1/8 [upon request]	42 [1.65]	No	18 [0.6]	0 - 10 VDC	1 - 5 VDC	1.0	0.005 - 0.7 [0.7 - 101.5]	Consult Factory	N/A	0.9 [130.5]	5 - 50 [41 - 122]
ETR010-4	Proportional Regulator	Rc1/8 [upon request]	42 [1.65]	No	18 [0.6]	4 - 20 mA	1 - 5 VDC	1.0	0.005 - 0.7 [0.7 - 101.5]	Consult Factory	N/A	0.9 [130.5]	5 - 50 [41 - 122]
ETR200	Proportional Regulator	Rc1/4 [upon request]	42 [1.65]	No	2000 [70.6]	1 - 5 VDC	1 - 5 VDC	1.0	0.01 - 0.7 [1.5 - 101.5]	Consult Factory	N/A	0.9 [130.5]	5 - 50 [41 - 122]
ETR200-1	Proportional Regulator	Rc1/4 [upon request]	42 [1.65]	No	2000 [70.6]	0 - 5 VDC	1 - 5 VDC	1.0	0.01 - 0.7 [1.5 - 101.5]	Consult Factory	N/A	0.9 [130.5]	5 - 50 [41 - 122]

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Model	Operation	Port Sizes metric [imperial]	Width mm [in]	Modular	Max Flow l/m [cfm]	Input Signal	Output Signal	Linearity +/- % Full Span	Set Pressure Range MPa [psi]	Relief Start Pressure MPa [psi]	Gauge Port Sizes metric [imperial]	Operating Pressure MPa [psi]	Temperature Range °C [°F]
ETR200-2	Proportional Regulator	Rc1/4 [upon request]	42 [1.65]	No	2000 [70.6]	0 - 10 VDC	1 - 5 VDC	1.0	0.01 - 0.7 [1.5 - 101.5]	Consult Factory	N/A	0.9 [130.5]	5 - 50 [41 - 122]
ETR200-4	Proportional Regulator	Rc1/4 [upon request]	42 [1.65]	No	2000 [70.6]	4 - 20 mA	1 - 5 VDC	1.0	0.01 - 0.7 [1.5 - 101.5]	Consult Factory	N/A	0.9 [130.5]	5 - 50 [41 - 122]
ETR600	Proportional Regulator	Rc1/2 [upon request]	55 [2.17]	No	3000 [105.9]	1 - 5 VDC	1 - 5 VDC	1.0	0.01 - 0.7 [1.5 - 101.5]	Consult Factory	N/A	0.9 [130.5]	5 - 50 [41 - 122]
ETR600-1	Proportional Regulator	Rc1/2 [upon request]	55 [2.17]	No	3000 [105.9]	0 - 5 VDC	1 - 5 VDC	1.0	0.01 - 0.7 [1.5 - 101.5]	Consult Factory	N/A	0.9 [130.5]	5 - 50 [41 - 122]
ETR600-2	Proportional Regulator	Rc1/2 [upon request]	55 [2.17]	No	3000 [105.9]	0 - 10 VDC	1 - 5 VDC	1.0	0.01 - 0.7 [1.5 - 101.5]	Consult Factory	N/A	0.9 [130.5]	5 - 50 [41 - 122]
ETR600-4	Proportional Regulator	Rc1/2 [upon request]	55 [2.17]	No	3000 [105.9]	4 - 20 mA	1 - 5 VDC	1.0	0.01 - 0.7 [1.5 - 101.5]	Consult Factory	N/A	0.9 [130.5]	5 - 50 [41 - 122]
ETR601	Proportional Regulator Low Pressure	Rc1/2 [upon request]	55 [2.17]	No	2000 [70.6]	1 - 5 VDC	1 - 5 VDC	1.0	0.01 - 0.2 [1.5 - 29.0]	Consult Factory	N/A	0.4 [58.0]	5 - 50 [41 - 122]
ETR601-1	Proportional Regulator Low Pressure	Rc1/2 [upon request]	55 [2.17]	No	2000 [70.6]	0 - 5 VDC	1 - 5 VDC	1.0	0.01 - 0.2 [1.5 - 29.0]	Consult Factory	N/A	0.4 [58.0]	5 - 50 [41 - 122]
ETR601-2	Proportional Regulator Low Pressure	Rc1/2 [upon request]	55 [2.17]	No	2000 [70.6]	0 - 10 VDC	1 - 5 VDC	1.0	0.01 - 0.2 [1.5 - 29.0]	Consult Factory	N/A	0.4 [58.0]	5 - 50 [41 - 122]
ETR601-4	Proportional Regulator Low Pressure	Rc1/2 [upon request]	55 [2.17]	No	2000 [70.6]	4 - 20 mA	1 - 5 VDC	1.0	0.01 - 0.2 [1.5 - 29.0]	Consult Factory	N/A	0.4 [58.0]	5 - 50 [41 - 122]

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