



FRN100 Series - Miniature Filter Regulators

Miniaturized compact filter / regulator combination that can control pressures from 7 – 102 psi. The Selection Guide provides a summary of the 4 different Filter Regulators.

- Lightweight Construction Is Perfect for EOAT
- Relieving and Non-relieving Versions
- Snap-in Mounting Brackets
- Easy Plumbing with Built-in Quick Fittings
- Lightweight, Compact Envelope
- 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

Filter Regulator Filter Regulator Low Pressure Filter Regulator Low Pressure Non-relieving Filter Regulator Non-relieving

FRN100 Series - Miniature Filter Regulators													
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Model	Operation	Port Sizes metric [imperial]	Width mm [in]	Modular	Max Flow l/m [cfm]	Filtration micron	Bowl Volume ml [oz]	Bowl Drain Types	Set Pressure Range MPa [psi]	Relief Start Pressure MPa [psi]	Gauge Port Sizes metric [imperial]	Operating Pressure MPa [psi]	Temperature Range °C [°F]
FRN100	Filter Regulator	4, 6 mm [1/8", 1/4"]	30 [1.18]	No	150 [5.3]	5	N/A	None	0.05 - 0.7 [7.3 - 101.5]	Consult Factory	Rc1/8 [upon request]	1 [145.0]	5 - 50 [41 - 122]
FRN101	Filter Regulator Low Pressure	4, 6 mm [1/8", 1/4"]	30 [1.18]	No	80 [2.8]	5	N/A	None	0.05 - 0.25 [7.3 - 36.3]	Consult Factory	Rc1/8 [upon request]	1 [145.0]	5 - 50 [41 - 122]
FRN111	Filter Regulator Low Pressure Non-relieving	4, 6 mm [1/8", 1/4"]	30 [1.18]	No	80 [2.8]	5	N/A	None	0.05 - 0.25 [7.3 - 36.3]	Consult Factory	Rc1/8 [upon request]	1 [145.0]	5 - 50 [41 - 122]
FRN110	Filter Regulator Non-relieving	4, 6 mm [1/8", 1/4"]	30 [1.18]	No	150 [5.3]	5	N/A	None	0.05 - 0.7 [7.3 - 101.5]	Consult Factory	Rc1/8 [upon request]	1 [145.0]	5 - 50 [41 - 122]