



RN100 / RDN100 Series - Mini Pressure Regulators

Miniaturized regulator to control pressure up to 145 psi in a compact lightweight design. The Selection Guide provides a summary of the 8 different Mini Pressure Regulators.

- Side or Bottom Port Options
- Relieving and Non-relieving Options
- 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

Regulator

Regulator Low Pressure

Regulator Low Pressure Non-relieving

Regulator Non-relieving

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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]
RDN100	Regulator	4, 6 mm [1/8", 1/4"]	23 [0.91]	No	150 [5.3]	N/A	N/A	N/A	0.05 - 0.7 [7.3 - 101.5]	Consult Factory	Rc1/8 [upon request]	1 [145.0]	5 - 50 [41 - 122]
RDN110	Regulator	4, 6 mm [1/8", 1/4"]	23 [0.91]	No	150 [5.3]	N/A	N/A	N/A	0.05 - 0.7 [7.3 - 101.5]	Consult Factory	Rc1/8 [upon request]	1 [145.0]	5 - 50 [41 - 122]
RN100	Regulator	4, 6 mm [1/8", 1/4"]	30 [1.18]	No	150 [5.3]	N/A	N/A	N/A	0.05 - 0.7 [7.3 - 101.5]	Consult Factory	Rc1/8 [upon request]	1 [145.0]	5 - 50 [41 - 122]
RDN101	Regulator Low Pressure	4, 6 mm [1/8", 1/4"]	23 [0.91]	No	80 [2.8]	N/A	N/A	N/A	0.05 - 0.7 [7.3 - 101.5]	Consult Factory	Rc1/8 [upon request]	1 [145.0]	5 - 50 [41 - 122]
RN101	Regulator Low Pressure	4, 6 mm [1/8", 1/4"]	30 [1.18]	No	80 [2.8]	N/A	N/A	N/A	0.05 - 0.7 [7.3 - 101.5]	Consult Factory	Rc1/8 [upon request]	1 [145.0]	5 - 50 [41 - 122]
RDN111	Regulator Low Pressure Non-relieving	4, 6 mm [1/8", 1/4"]	23 [0.91]	No	80 [2.8]	N/A	N/A	N/A	0.05 - 0.7 [7.3 - 101.5]	Consult Factory	Rc1/8 [upon request]	1 [145.0]	5 - 50 [41 - 122]

Focused on providing industry leading pneumatic, fluid handling, and electrical automation components and assemblies for the OEM market | Think KOGANEI

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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]
RN111	Regulator Low Pressure Non-relieving	4, 6 mm [1/8", 1/4"]	30 [1.18]	No	80 [2.8]	N/A	N/A	N/A	0.05 - 0.7 [7.3 - 101.5]	Consult Factory	Rc1/8 [upon request]	1 [145.0]	5 - 50 [41 - 122]
RN110	Regulator Non-relieving	4, 6 mm [1/8", 1/4"]	30 [1.18]	No	150 [5.3]	N/A	N/A	N/A	0.05 - 0.7 [7.3 - 101.5]	Consult Factory	Rc1/8 [upon request]	1 [145.0]	5 - 50 [41 - 122]