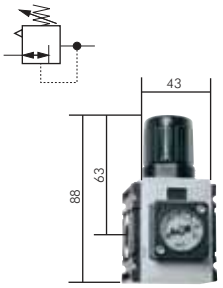
Pressure regulators - Futura

Pressure regulators Futura model series

Version: Resettable (with relieving system)
Materials: Body: Grivory® (PA 66), spring hood: POM, diaphragms and seals: NBR
Temperature range: -10°C to max. +50°C
Input pressure: Max. 16 bar (model series 0: max 12 bar)
Pressure gauge connection: G 1/4"
Media: Oiled and unoiled compressed air, neutral gases

Advantages:
- Automatic venting in the event of overpressure on the secondary side.
- Simple assembly of single components using coupling kits within a model series.
- Hand wheel can be locked by pressing down on it and bolted with a lock - please use VHS 20 (page 641) Model series 0 cannot be locked.

Pressure regulators Futura model series 0 — 1 000 l/min

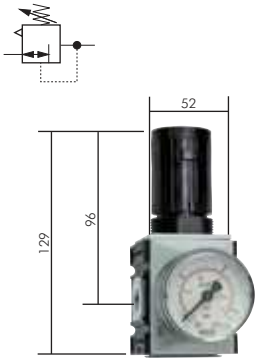


Switch panel thread: M 30 x 1.5
Supply volume: Pressure regulator including pressure gauge
Flow: 1000 l/min, relieving system: 25 l/min

Type with compact pressure gauge**	Type with 40 mm standard press. gauge	Thread	Pressure regulation range	Pressure gauge display	Mounting bracket	Coupling kit
R 014 F*	R 014 FB*	G 1/4"	0.5 - 8 bar	0 - 10 bar	W 0 F	KP 0 F or KPW 0 F
R 014-4 F	R 014-4 FB	G 1/4"	0.2 - 4 bar	0 - 6 bar	W 0 F	KP 0 F or KPW 0 F
R 014-10 F	R 014-10 FB	G 1/4"	0.5 - 10 bar	0 - 16 bar	W 0 F	KP 0 F or KPW 0 F

* standard series, please use preferentially as regulation range can be applied universally, ** installation of a standard pressure gauge only possible with a pressure gauge adapter, display range of the compact pressure gauge: 0 to 12 bar, or 0 to 6 bar

Pressure regulators Futura model series 1 — up to 2500 l/min



Switch panel thread: M 36 x 1.5
Supply volume: Pressure regulator incl. 50 mm pressure gauge
Flow: G 1/4": 2000 l/min, G 3/8": 2500 l/min, relieving system: 70 l/min (precision pressure regulator 120 l/min)
ATEX: Operating material without its own potential source of ignition in accordance with Directive 2014/34/EU
Optional: Safety version: With upstream lockable ball valve and filler valve **-Si**

Type standard	Type precis. pressure regulators**	Thread	Pressure regulation range	Pressure gauge display	Mounting bracket	Coupling kit
R 14 F*	RP 14 F*	G 1/4"	0.5 - 8 bar	0 - 10 bar	W 1 F	KP 1 F or KPW 1 F
R 14-1 F	RP 14-1 F	G 1/4"	0.1 - 1 bar	0 - 1.6 bar	W 1 F	KP 1 F or KPW 1 F
R 14-2 F	RP 14-2 F	G 1/4"	0.1 - 2 bar	0 - 2.5 bar	W 1 F	KP 1 F or KPW 1 F
R 14-4 F	RP 14-4 F	G 1/4"	0.2 - 4 bar	0 - 6 bar	W 1 F	KP 1 F or KPW 1 F
R 14-10 F	RP 14-10 F	G 1/4"	0.5 - 10 bar	0 - 16 bar	W 1 F	KP 1 F or KPW 1 F
R 14-16 F	RP 14-16 F	G 1/4"	0.5 - 16 bar	0 - 25 bar	W 1 F	KP 1 F or KPW 1 F
R 38 F*	RP 38 F*	G 3/8"	0.5 - 8 bar	0 - 10 bar	W 1 F	KP 1 F or KPW 1 F
R 38-1 F	RP 38-1 F	G 3/8"	0.1 - 1 bar	0 - 1.6 bar	W 1 F	KP 1 F or KPW 1 F
R 38-2 F	RP 38-2 F	G 3/8"	0.1 - 2 bar	0 - 2.5 bar	W 1 F	KP 1 F or KPW 1 F
R 38-4 F	RP 38-4 F	G 3/8"	0.2 - 4 bar	0 - 6 bar	W 1 F	KP 1 F or KPW 1 F
R 38-10 F	RP 38-10 F	G 3/8"	0.5 - 10 bar	0 - 16 bar	W 1 F	KP 1 F or KPW 1 F
R 38-16 F	RP 38-16 F	G 3/8"	0.5 - 16 bar	0 - 25 bar	W 1 F	KP 1 F or KPW 1 F

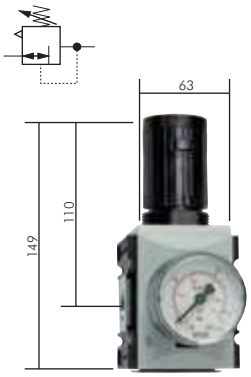
* standard series, please use preferentially as regulation range can be applied universally, ** low own air consumption (2.6 l/min at output pressure of 6 bar) but therefore better hysteresis - almost independent of primary pressure, regulation accuracy: ± 25 mbar

Order example: R 14 F **

Standard type

Designation for the options:
With upstream,
lockable ball valve and filler valve . . . . .**-Si**

Pressure regulators Futura model series 2 — up to 5200 l/min



Switch panel thread: M 42 x 1.5
Supply volume: Pressure regulator incl. 50 mm pressure gauge
Flow: G 3/8": 4500 l/min, G 1/2": 5200 l/min, relieving system: 70 l/min (precision pressure regulator 120 l/min)
ATEX: Operating material without its own potential source of ignition in accordance with Directive 2014/34/EU
Optional: Safety version: With upstream lockable ball valve and filler valve **-Si**

Type standard	Type precis. pressure regulators**	Thread	Pressure regulation range	Pressure gauge display	Mounting bracket	Coupling kit
R 382 F*	RP 382 F*	G 3/8"	0.5 - 8 bar	0 - 10 bar	W 2 F	KP 2 F or KPW 2 F
R 382-1 F	RP 382-1 F	G 3/8"	0.1 - 1 bar	0 - 1.6 bar	W 2 F	KP 2 F or KPW 2 F
R 382-2 F	RP 382-2 F	G 3/8"	0.1 - 2 bar	0 - 2.5 bar	W 2 F	KP 2 F or KPW 2 F
R 382-4 F	RP 382-4 F	G 3/8"	0.2 - 4 bar	0 - 6 bar	W 2 F	KP 2 F or KPW 2 F
R 382-10 F	RP 382-10 F	G 3/8"	0.5 - 10 bar	0 - 16 bar	W 2 F	KP 2 F or KPW 2 F
R 382-16 F	RP 382-16 F	G 3/8"	0.5 - 16 bar	0 - 25 bar	W 2 F	KP 2 F or KPW 2 F
R 12 F*	RP 12 F*	G 1/2"	0.5 - 8 bar	0 - 10 bar	W 2 F	KP 2 F or KPW 2 F
R 12-1 F	RP 12-1 F	G 1/2"	0.1 - 1 bar	0 - 1.6 bar	W 2 F	KP 2 F or KPW 2 F
R 12-2 F	RP 12-2 F	G 1/2"	0.1 - 2 bar	0 - 2.5 bar	W 2 F	KP 2 F or KPW 2 F
R 12-4 F	RP 12-4 F	G 1/2"	0.2 - 4 bar	0 - 6 bar	W 2 F	KP 2 F or KPW 2 F
R 12-10 F	RP 12-10 F	G 1/2"	0.5 - 10 bar	0 - 16 bar	W 2 F	KP 2 F or KPW 2 F
R 12-16 F	RP 12-16 F	G 1/2"	0.5 - 16 bar	0 - 25 bar	W 2 F	KP 2 F or KPW 2 F

* standard series, please use preferentially as regulation range can be applied universally, ** low own air consumption (2.6 l/min at output pressure of 6 bar) but therefore better hysteresis - almost independent of primary pressure, regulation accuracy: ± 25 mbar

Order example: R 380 F **

Standard type

Designation for the options:
With upstream,
lockable ball valve and filler valve . . . . .**-Si**