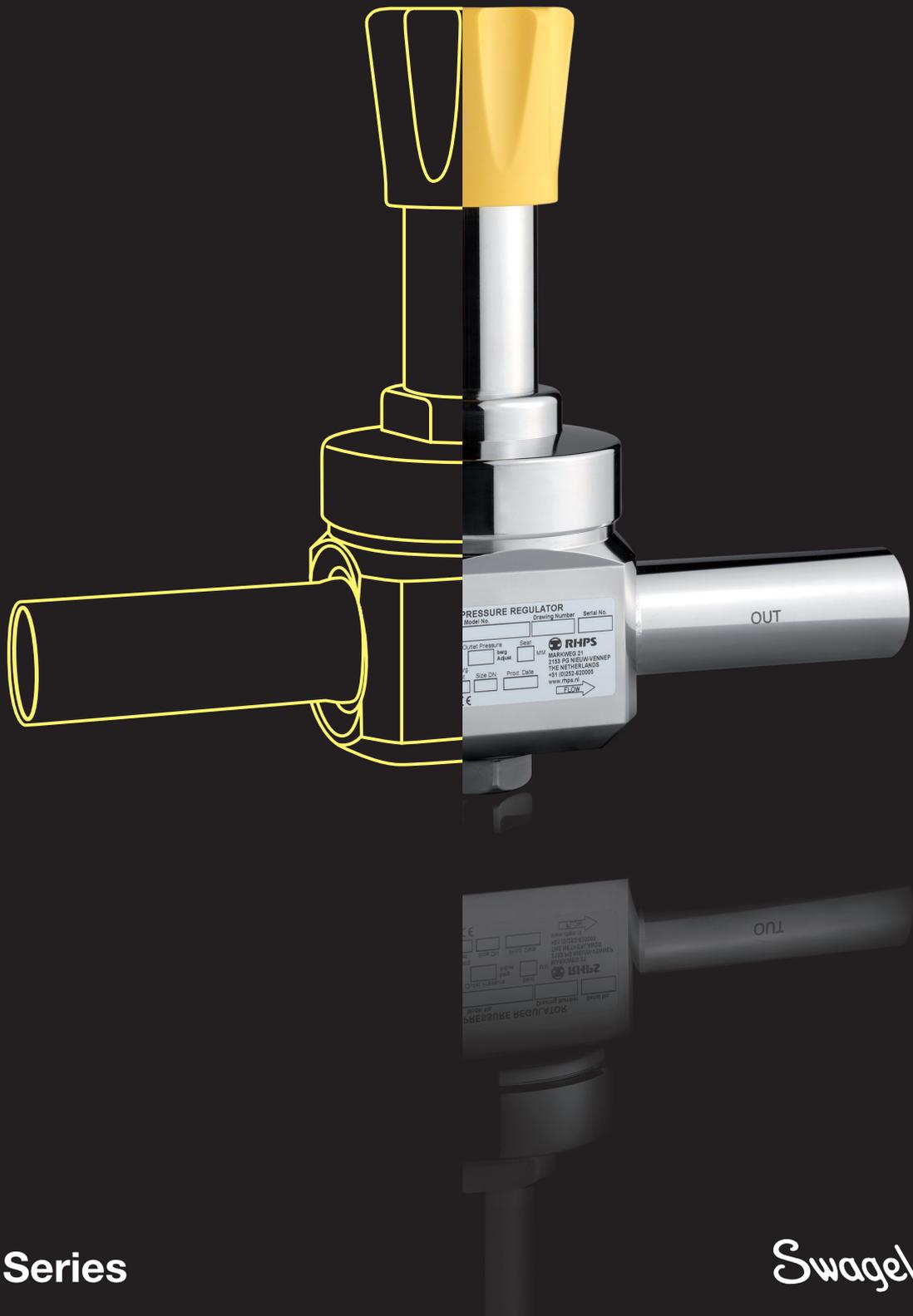


Yellow Line High Purity Regulators



RHPS Series

Swagelok

The Yellow Line

Swagelok® RHPS Series Yellow Line Regulators are facility/bulk gas regulators designed specifically for the semiconductor industry.

Applications

- semiconductor
- dry clean gases
- flat panel displays
- fibre optics
- photonics
- photovoltaics

Basic material

Barstock stainless steel 316L, full traceability

Finish

0,4 – 0,25 µm

Cleaning

For O₂ service to ASTM-G93

Assembly and testing

In a cleanroom ISO Class 5
Inboard leak
1x10⁻⁶ to 1x10⁻⁹ mbar L/sec He

Connections

Tube stubs for orbital welding

Sizes

½ to 4 in.



HPRSS4

- stainless steel 316L
- ½ in. od tube stub
- pressure rating 16 bar (232 psig)
- 0,4 – 0,25 µm finish
- cleanroom assembly



HPRSS8

- stainless steel 316L
- 1 in. od tube stub
- pressure rating 16 bar (232 psig)
- 0,4 – 0,25 µm finish
- cleanroom assembly



HPRSS12

- stainless steel 316L
- 1½ to 2 in. od tube stub
- pressure rating 16 bar (232 psig)
- 0,4 – 0,25 µm finish
- cleanroom assembly



HPRSS20

- stainless steel 316L
- 2 to 4 in. od tube stub
- pressure rating 16 bar (232 psig)
- 0,4 – 0,25 µm finish
- cleanroom assembly



Additional RHPS Series Products

PRESSURE REDUCING REGULATORS

Designed to control the outlet pressure.

SPRINGLOADED, KNOB ADJUSTMENT

The Red Line

Designed for general industrial purposes.

- stainless steel 316L
- available in ¼ up to 1 in.
- bsp, npt or flanges
- pressure ratings 70 bar or 400 bar (1015 or 5805 psig)

The Green Line

Designed for the biotechnology and pharmaceutical industry.

- stainless steel 316L
- available in ½, and 1 in.
- clamps or aseptic connections
- pressure rating 35 bar (507 psig)
- 0,4 µm or 0,25 µm finish

SPRINGLOADED, SCREW ADJUSTMENT

The Setscrew Line

Designed for general industrial purposes.

- stainless steel 316L
- available in 1, 1½, and 2 in.
- bsp or flanges
- pressure ratings 70 bar or 400 bar (1015 or 5805 psig)

The LoBār Line

Designed for tankblanketing.

- stainless steel 316L
- available in ½, 1, and 2 in.
- bsp, npt or flanges
- pressure rating 16 bar (232 psig)

DOMELOADED

- stainless steel 316L
- available in ¼ up to 4 in.
- bsp or flanges
- pressure ratings 70 bar or 400 bar (1015 or 5805 psig)

AIRLOADED

- stainless steel 316L
- available in ¼ up to 1 in.
- bsp, npt or flanges
- pressure ratings 70 bar or 400 bar (1015 or 5805 psig)
- ratios 1:15, 1:40, 1:70

BACK PRESSURE REGULATORS

Designed to control the inlet pressure.

SPRINGLOADED, KNOB ADJUSTMENT

The Blue Line

Designed for general industrial purposes.

- stainless steel 316L
- available in ¼ up to 1 in.
- bsp, npt or flanges
- pressure ratings 70 bar or 400 bar (1015 or 5805 psig)

SPRINGLOADED, SCREW ADJUSTMENT

The Setscrew Line

Designed for general industrial purposes.

- stainless steel 316L
- available in 1, 1½, and 2 in.
- bsp or flanges
- pressure ratings 70 bar or 400 bar (1015 or 5805 psig)

DOMELOADED

- stainless steel 316L
- available in ¼ up to 4 in.
- bsp or flanges
- pressure ratings 70 bar or 400 bar (1015 or 5805 psig)

AIRLOADED

- stainless steel 316L
- available in ¼ up to 1 in.
- bsp, npt or flanges
- pressure ratings 70 bar or 400 bar (1015 or 5805 psig)
- ratios 1:15, 1:40, 1:70

Contact your authorized Swagelok sales and service center or visit www.swagelok.com for more information.

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Value beyond the expected™