

996-DS



# **Product features**

Designed for applications where a constant outlet pressure is required over a wide range of inlet pressure.

- First stage: Reduces cylinder pressure by almost 90%.
- Second stage: The Ø70mm diaphragm in the second stage provides precise control over the outlet flow.
- Applications: Ideal for quality cutting, laboratory systems, precision machine cutting, rough machine cutting, hand cutting and chiseling.
- Materials: Equipped with a robust and corrosionresistant stainless membrane for long life and reliability in demanding environments.
- **Durable construction:** Engineered to withstand harsh industrial conditions, minimizing maintenance and downtime.

## **Technical data**

Type 2-stage Regulator class 1

Standard ISO 2503

Gas Ar/mix / Nitrogen/ Oxygen

Temperature range -20°C up to +60°C

## Pressure / Flow

 $\begin{array}{ll} \text{Inlet pressure P}_1 & 200/300 \text{ bar} \\ \\ \text{Outlet pressure P}_2 & 0\text{-}10 \text{ bar} \\ \\ \text{Qn} & 150 \text{m}^3/\text{h} \end{array}$ 

#### Materials:

Valve body CW 617N/ CW 614N

Valve seat Kel-F

Diaphragm Stainless steel, AISI302
Valve cap Chrome-plated zinc

#### Connections:

Inlet See page 2
Outlet See page 2

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