



RPG-HC4

High Capacity Gas Regulator

The RPG-HC4 is a high-performance gas regulator specifically developed for high capacity required by offshore firewater systems.

Features

- Extremely high capacity for its size
- Excellent pressure stability
- Piloted valve
- Can be operated in parallel without risk of mutual interference
- Housing in titanium grade 2
- Low maintenance and life-cycle cost (recommended service intervals 36 months)

Applications

- Offshore firewater systems
- Other systems

Description

The RPG-HC4 controls a downstream gas pressure and can supply a large volume of gas in order to sustain a set pressure level in the recipient.

The regulator is used in active hydrophore systems for fire water offshore. The RPG-HC4 will maintain the given set pressure in the system while the hydrophore tank discharging water into the deluge system in the critical seconds before the firewater pumps is up running. This secures positive pressure in the entire pipe net and prevents pressure surges.

Specifications

Model designation	Operational mode	Material pressure housing	Pressure rating max [barg]	Working pressure (barg)	Fixed Set pressure (barg) 4-14	Calculated flow @ 180 barg feed [normal l per sec]
RPG-HC4	F (Fixed)	T (Titanium gr. 2)	300	225	PXX (P4-P14)	4000

Dimension and weight

Model	Ø x L(mm)	Weight
RPG-HC4	Ø229 x 303	12,4 kg