



Description

A piston sensed pressure single stage reducing regulator for use in providing a stable pressure to precision pressure control devices. Suitable for controlling pressures up to 210 bar, the regulator covers the range needed for the majority of line pressure requirements in calibration applications.

The XREG is primarily utilised on compressed air or nitrogen cylinders that are providing a line supply to CalBench systems with pressure modules. The regulator is supplied as a kit that is pre-configured for use with the customer's cylinder and pressure system.

When ordered with a system, the necessary fittings, adaptors and hoses are included. Hoses are made to measure based on the positioning of the cylinder and the CalBench or pressure calibration system. When ordered individually a standard configuration for 1/4" NPT cylinder connection is provided.

The XREG features 2 analogue pressure gauges (63 mm, class 1.6) to display the input and output pressure. Both gauges are for use up to 250 bar (3500 psi).

Ordering Information

XREG/210b**Pressure regulator kit (210 bar / 3000 psi)**
Including 2x fitted gauges, 1/4" FNPT inlet on regulator, 1/4" FNPT outlet with minimess test point fitted. High pressure 2 m hose minimess to 1/4" FNPT. Adaptors: 1x 1/4" FNPT to 1/4" BSPF, 1x 1/4" MNPT to 1/4" FNPT.

Custom configuration or when purchased with pressure calibration system or CalBench

XREG/210b-CUST.....**Pressure regulator kit (210 bar / 3000 psi)**
Including 2x gauges. Adaptors, fittings and hoses supplied configured based on customer's cylinder and pressure calibration system ordered. *Please specify the cylinder fitting thread and distance from pressure system.*

Due to continuous development Time Electronics reserves the right to change specifications without prior notice.

Features / Specifications

- Suitable for user with gas or nitrogen cylinders providing line pressure to calibration benches or test systems
- Used for regulation up to 210 bar (3045 psi)
- Smooth pressure adjustment with bronze bearing
- Inlet and outlet gauges supplied, 250 bar (3500 psi)
- Pressure media: Pneumatic only, air or inert gas
- Materials: Anodized Aluminum, Stainless Steel
- Seal Materials: Buna-N, Delrin, Teflon
- Operating Temp: Min: 60 °C / 140 °F. Max: -18 °C / 0 °F
- W 140 x H 150 x D 150 mm (including gauges & fitting)
- Weight: 1.1 kg

