



Description

The 7084 is a line pressure controller module used to provide adjustable regulated pressure for connection bench modules and external pressure devices. It is particularly suitable for use with MTEG or XTEG pressure measurement modules. It provides a regulated source to the module that acts as the reference, with the UUT connected to the 7084 supply at the same time, typically by T-piece method.

Incoming pneumatic line pressure is connected via the rear of the console, with output via the front panel port. There are seven available versions, and the module is built according to the customer's required range, either 5, 10, 20, 35, 70, 100, or 200bar. The external line pressure may be from a compressor or regulated gas bottle.

A 63 mm front panel analogue gauge displays the regulated line pressure. Custom versions of the 7084 module are available. Custom ranges and digital versions (7084D) with a 0.2 % FS accuracy gauge. For calibration applications, the RMTEG modules are the typical regulated solution, with a high specification gauge with 0.02 % FS accuracy and various features.

Technical Specifications

Available versions	5, 10, 20, 35, 70, 100, or 200 bar.
Gauge	63 mm anti-shock analogue.
Regulator	Pneumatic self-relieving.
Maximum line pressure	Dependant on version ordered.
Output connection	Minimess (Quick release optional on 5 and 10 bar ranges).
Rear connection	Minimess (Quick release optional on 5 and 10 bar ranges).
Valve	Swagelok needle isolation valve on line input port.
Module width	150 mm (primary or secondary console fitting).

Features

- 5, 10, 20, 35, 70, 100, and 200 bar versions
- Pneumatic self-relieving regulator
- 63 mm anti-shock analogue gauge
- Front panel output connection
- Needle isolation valve
- Minimess fittings
- Optional quick release fittings (5 and 10 bar versions)
- Pneumatic input connection

Ordering information

7084..... Line Pressure Controller Module

Range (bar)	Order Code
5	7084/7102
10	7084/7103
20	7084/7104
35	7084/7105
70	7084/7106
100	7084/7107
200	7084/7108

C174 Traceable calibration certificate (Factory)

C136 Accredited calibration certificate (ISO 17025)

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