Time Electronics

7084 Line Pressure Controller Module

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

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 the 7038 and 7065 pressure indicator modules. 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.

The 63mm front panel gauge displays the regulated line pressure. Direct output of the internal line pressure is also available on the front panel via quick release connection (on 5, 10, and 20bar versions) or minimess connection (on 35, 70, 100, and 200bar versions). The external line pressure can be isolated using a needle block valve on the front panel. Multiple 7084's can be fitted to CalBench consoles, to provide a choice of output pressures simultaneously.

SPECIFICATIONS

Available Versions	5, 10, 20, 35, 70, 100, or 200bar
Gauge	63mm anti-shock analogue
Regulator	Pneumatic self-relieving
Maximum Line Pressure	Dependant on version ordered
Fittings	Quick Release for 5, 10 & 20bar versions. Minimess for 35, 70, 100 & 200bar versions
Rear Connections	Quick Release for 5, 10 & 20bar versions. Minimess for 35, 70, 100 & 200bar versions
Front Panel Output Port	Same connection as line input port
Valve	Swagelok needle isolation valve on line input port
Module Width	150mm (primary or secondary console fitting)

ORDERING INFORMATION

7084 ..... **Line Pressure Controller Module** (+ pressure range code – shown below)

Range (bar)	5	10	20	35	70	100	200
Option Code	**7102**	**7103**	**7104**	**7105**	**7106**	**7107**	**7108**

C174 ..... Factory Calibration Certificate (NPL traceable)

C136 ..... UKAS Calibration Certificate (ISO 17025)

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