## Description

The 7064 is a high pressure calibration and control module designed for applications up to 200 bar. It is fitted with a self-relieving regulator, two needle valves and a dual function front panel pressure port for precision output and measurement. There are four available versions according to required output range, either 35, 70, 100, or 200 bar.

The 7064 combines high accuracy with simple operation and is suitable for high volume work in process plants, offshore platforms, refineries, and many other on-site testing facilities. It is ideal for calibration and maintenance of pressure gauges, sensors, transmitters, transducers, indicators, switches, and more.

Features include a 4.5 digit LCD display, 5 pressure units, zeroing switch, regulated output as well as pressure measurement input. Basic accuracy is 0.04 % of full scale. Line pressure is supplied via an input minimess port fitted on the rear of the console. The front panel output and measurement port is also high pressure minimess type.

The module is fitted as standard with an RS-232 interface with internal communication to a control centre (standard with 8060 or 7051 if ordered). This enables readback with EasyCal calibration software. With EasyCal the user can define and perform pressure calibration procedures as well as create and print traceable calibration certificates.

## Features

- 35, 70, 100, and 200 bar versions available
- Best accuracy 0.04 % of full scale
- Pneumatic with regulator
- Calibrate gauges, transmitters, sensors
- 4.5 digit display
- 5 selectable pressure units
- Over-pressure alarm
- RS-232 serial interface
- EasyCal software compatible

## Specifications

*Specifications are for 1 year at 23 ºC ± 5 ºC. Accuracy includes linearity and long term effects.*
*All accuracies are ± 1 digit. For operation outside specified temperature range, apply 70 ppm per °C.*

| Range (bar) | 0 to 35 | 0 to 70 | 0 to 100 | 0 to 200 |
|---|---|---|---|---|
| Accuracy (% of fs) | 0.04 | 0.04 | 0.04 | 0.1 |
| Resolution (bar) | 0.01 | 0.01 | 0.01 | 0.01 |

**Units**........................................................bar, PSI, MPa, kg/cm2, Atm.

**Maximum line pressure** ......................................................230 bar.

**Sensor** .......................................Piezo-resistive - stainless steel diaphragm.

**Over pressure warning** ....... 1.2 x range full scale - audio and visual (on LCD) warning.

**Fittings**.................................................................. Minimess.

**Rear connections** .......................................................... Minimess.

**Interface**................................ RS-232 for readback (internal to control centre if ordered).

**Module width** ........................................ 200 mm (primary or secondary console fitting).

## Ordering Information

**7064**................................High Pressure Calibrator Module

| Range (bar) | Order Code |
|---|---|
| 35 | 7064/7105 |
| 70 | 7064/7106 |
| 100 | 7064/7107 |
| 200 | 7064/7108 |

ECFLA.........................................EasyCal Calibration Software.

C178...........................Traceable calibration certificate (Factory)

C190....................Accredited calibration certificate (ISO 17025)

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

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