

---

**Pressure Module UC504 PMY**

---

**PRESSURE MODULE UC504 PMY**

- One or two pressure ranges per module, simple or double pressure version.
- Gage, absolute, differential pressure and vacuum.
- Ranges between 0 - 250mmH<sub>2</sub>O and 0 - 1000psi.
- High Accuracy (0.05% FS) and high thermal stability (0.005% FS / °C).
- Several engineering units available to show pressure ranges.

Through UC504 PMY the multicalibrator UC-504 can measure pressure with high accuracy. Ideal to calibrate and adjust pressure instruments, such as: pressure and vacuum gages, pressure transmitters, strain gages, I/P converters, pressure switches, etc.

UC504 PMY uses piezoresistive pressure sensors which constitute the state-of-the-art in pressure measurement. The sensors construction in the solid state technology grants high reliability in the measurements.

Nonlinearity effects, hysteresis, thermal variations, etc. are minimized by the use of temperature compensation algorithms in pressure measurements.

UC504 PMY has also a mV input proper to calibrate strain gages.

**Pressure Module UC504 PMY**

---

**Pressure Module UC504 PMY**

**Order Code**

PMY -  -   -  -   -

**Number of Inputs**

- S - single
- D - double

RANGE	Input 1	RESOLUTION	ACCURACY	REMARKS
01 - 0 - 250	mmH <sub>2</sub> O	0.001	0.1% FS*	Gage pressure
02 - 0 - 1	psi	0.0001	0.1% FS	Used with air or inert gases
03 - 0 - 5	psi	0.0001	0.1% FS	
04 - 0 - 15	psi	0.0001	0.05% FS	Gage absolute or differential pressure
05 - 0 - 30	psi	0.0001	0.05% FS	
06 - 0 - 100	psi	0.001	0.05% FS	Used with air or inert gases
07 - 0 - 250	psi	0.001	0.05% FS	
08 - 0 - 15	psi	0.0001	0.05% FS	Gage or absolute pressure
09 - 0 - 30	psi	0.0001	0.05% FS	
10 - 0 - 100	psi	0.001	0.05% FS	Used with fluids (gases or liquids)
11 - 0 - 250	psi	0.001	0.05% FS	
12 - 0 - 500	psi	0.01	0.05% FS	compatible with 316 L stainless steel
13 - 0 - 1000	psi	0.01	0.05% FS	

**Pressure Type** Input 1

(\* FS = Full Scale)

- A - Absolute
- G - Gauge
- D - Differential
- V - Vacuum (specify range 04 or 08)

**RANGE** Input 2 (Only for double version)

00 - Not used, or same code of input 1

**Pressure Type** Input 2 (Only for double version)

0 - Not used, or same code of input 1