

INTRODUCTION

The Metravi Pressure Calibrator Modules measure gauge, compound and absolute pressure. They feature self-temperature compensation and digital communication mode.

The calibration data is stored and processed inside the modules. With portable and rugged construction, the modules are engineered for rough field use, almost unbreakable.

The modules are compatible with the Metravi 15+ Calibrator and features performance to meet almost any calibration and measurement task.

**FEATURES**

- **Compatible with Metravi 15+ mV mA Loop Calibrator**
- High Accuracy: 0.05% F.S (when temperature coefficient is $\pm 0.001\%/^{\circ}\text{C}$)
- Wide range : -0.1~60MPa
- Wide temperature compensate range : from 0° to 50°C
- Measure Pressure Types: Gauge, Absolute and Compound Pressure modules available
- Pressure Units : Support various pressure units (see calibrator)
- Resolution : 5 digits
- Measure media : compatible with any liquid and gases of 316 stainless steel
- Supports change of pressure modules without any setup or calibration
- Self contained calibration
- Calibration data is stored and processed inside the module
- Portable and rugged construction: Engineered for rough field use, almost unbreakable.

SPECIFICATIONS

Range:	-0.1~60MPa
Wide temperature compensate range:	from 0° to 50°C
Resolution:	5 digits
Operating Temperature:	0 to 50°C
Storage Temperature:	-10 to 60°C
Ingress Protection:	IP54
Pressure Interface:	M20x1.5mm thread
Module Electric Interface:	Binder 5-pole male
Communication Cable (Optional):	Binder 5-pole female to LEMO 5-pole male, 1m length
Compliances:	EN61326-1:2006 & IEC 61010-1:2000
Dimensions:	30 mm x 130 mm
Weight:	350g

*Technical Specifications & Appearance are subject to change without prior notice

PRESSURE MODULE MODELS & SPECIFICATIONS

MODEL	RANGE (kPa)	RANGE (bar)	RANGE (psi)	SENSOR TYPE	PRESSURE	ACCURACY (%) 0~50°C
PM-S 100KGS	0~100kPa	0~1bar	0~15psi	Isolated, 316 Stainless Steel	gauge	0.05
PM-S 200KGS	0~200kPa	0~2bar	0~30psi	Isolated, 316 Stainless Steel	gauge	0.05
PM-S 500KGS	0~500kPa	0~5bar	0~72psi	Isolated, 316 Stainless Steel	gauge	0.05
PM-S 001MGS	0~1MPa	0~10bar	0~150psi	Isolated, 316 Stainless Steel	gauge	0.05
PM-S 002MGS	0~2MPa	0~20bar	0~300psi	Isolated, 316 Stainless Steel	gauge	0.05
PM-S 005MGS	0~5MPa	0~50bar	0~725psi	Isolated, 316 Stainless Steel	gauge	0.05
PM-S 010MGS	0~10MPa	0~100bar	0~1500psi	Isolated, 316 Stainless Steel	gauge	0.05
PM-S 020MGS	0~20MPa	0~200bar	0~3000psi	Isolated, 316 Stainless Steel	gauge	0.05
PM-S 040MGS	0~40MPa	0~400bar	0~5800psi	Isolated, 316 Stainless Steel	gauge	0.05
PM-S 060MGS	0~60MPa	0~600bar	0~8700psi	Isolated, 316 Stainless Steel	gauge	0.05
PM-S 100KAS	0~100kPa	0~1bar	0~15psi	Isolated, 316 Stainless Steel	vacuum	0.05
PM-S 200KAS	0~200kPa	0~2bar	0~30psi	Isolated, 316 Stainless Steel	vacuum	0.05
PM-S 500KAS	0~500kPa	0~5bar	0~72psi	Isolated, 316 Stainless Steel	vacuum	0.05
PM-S 001MAS	0~1MPa	0~10bar	0~150psi	Isolated, 316 Stainless Steel	absolute	0.05
PM-S 002MAS	0~2MPa	0~20bar	0~300psi	Isolated, 316 Stainless Steel	absolute	0.05
PM-S 005MAS	0~5MPa	0~50bar	0~725psi	Isolated, 316 Stainless Steel	absolute	0.05
PM-S 010MAS	0~10MPa	0~100bar	0~1500psi	Isolated, 316 Stainless Steel	absolute	0.05
PM-S 020MAS	0~20MPa	0~200bar	0~3000psi	Isolated, 316 Stainless Steel	absolute	0.05
PM-S 100KCS	-100~100kPa	-0~1bar	-0~15psi	Isolated, 316 Stainless Steel	compound	0.05
PM-S 200KCS	-100~200kPa	-0~2bar	-0~30psi	Isolated, 316 Stainless Steel	compound	0.05
PM-S 500KCS	-100~500kPa	-0~7bar	-0~100psi	Isolated, 316 Stainless Steel	compound	0.05
PM-S 001MCS	-0~1MPa	-0~10bar	-0~150psi	Isolated, 316 Stainless Steel	compound	0.05
PM-S 002MCS	-0~2MPa	-0~20bar	-0~300psi	Isolated, 316 Stainless Steel	compound	0.05

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