VPM-S series digit pressure module introduce

Feature:

VPM-S series digit pressure module contains more pressure type, such as gauge, compound and absolute; Self temperature compensation; Digital communication mode;the modules are compatible with VICTOR calibrators; performance to meet almost any calibration and measurement task.

- High measure accuracy：0.05% F.S. , temperature coefficient is ±0.001%/℃
- Wide measure range：-0.1～60MPa，more than a score of pressure ranges
- Wide temperature compensate range: from 0 to 50ºC
- More Pressure Type: gauge, absolute and compound pressure modules available
- Digit communication output：pressure resolution is 5 digits，support exchange of pressure modules without setup and calibration.
- Self contained calibration：Calibration data are stored and processed inside the VPM. Enabling calibration and traceability follows the module。
- Portable and rugged construction: Engineered for rough field use, almost unbreakable.
- The VPM-S series digit pressure modules are compatible with VICTOR25 or VICTOR15+ calibrators.

Technology Parameter:

- Pressure Type: gauge，absolute，compound
- Pressure Unit: support more pressure units(see calibrator)
- Resolution：5digits
- Measure media: compatible with any liquid and gases of 316 stainless steel
- Operating temperature： 0 to 50℃
- Storage temperature：-10 to 60℃
- Ingress protection rating: IP54
- Pressure interface：M20×1.5mm thread
- Module electric interface：Binder 5-pole male
- Communication Cable(Option)：Binder 5-pole female To LEMO 5-pole male, length: 1m
- Compliance EN61326-1：2006 & IEC 61010-1：2000
- Size：Ø30×130mm
- Weight： 350g

Pressure Module Model，Range & Acc.						
Model	Range(kPa)	Range(bar)	Range(psi)	Sensor type	Pressure	Accuracy（%）0～50℃
VPM100KGS	0～100kPa	0～1bar	0～15psi	isolated、316 stainless steel	gauge	0.05
VPM200KGS	0～200kPa	0～2bar	0～30psi	isolated、316 stainless steel	gauge	0.05
VPM500KGS	0～500kPa	0～5bar	0～72psi	isolated、316 stainless steel	gauge	0.05
VPM001MGS	0～1MPa	0～10bar	0～150psi	isolated、316 stainless steel	gauge	0.05
VPM002MGS	0～2MPa	0～20bar	0～300psi	isolated、316 stainless steel	gauge	0.05
VPM005MGS	0～5MPa	0～50bar	0～725psi	isolated、316 stainless steel	gauge	0.05
VPM010MGS	0～10MPa	0～100bar	0～1500psi	isolated、316 stainless steel	gauge	0.05
VPM020MGS	0～20MPa	0～200bar	0～3000psi	isolated、316 stainless steel	gauge	0.05
VPM040MGS	0～40MPa	0～400bar	0～5800psi	isolated、316 stainless steel	gauge	0.05
VPM060MGS	0～60MPa	0～600bar	0～8700psi	isolated、316 stainless steel	gauge	0.05
VPM100KAS	0～100kPa	0～1bar	0～15psi	isolated、316 stainless steel	vacuum	0.05
VPM200KAS	0～200kPa	0～2bar	0～30psi	isolated、316 stainless steel	vacuum	0.05
VPM500KAS	0～500kPa	0～5bar	0～72psi	isolated、316 stainless steel	vacuum	0.05
VPM001MAS	0～1MPa	0～10bar	0～150psi	isolated、316 stainless steel	absolute	0.05
VPM002MAS	0～2MPa	0～20bar	0～300psi	isolated、316 stainless steel	absolute	0.05
VPM005MAS	0～5MPa	0～50bar	0～725psi	isolated、316 stainless steel	absolute	0.05
VPM010MAS	0～10MPa	0～100bar	0～1500psi	isolated、316 stainless steel	absolute	0.05
VPM020MAS	0～20MPa	0～200bar	0～3000psi	isolated、316 stainless steel	absolute	0.05
VPM100KCS	-100～100KPa	-1～1bar	-15～15psi	isolated、316 stainless steel	Compound	0.05
VPM200KCS	-100～200KPa	-1～2bar	-15～30psi	isolated、316 stainless steel	Compound	0.05
VPM500KCS	-100～500KPa	-1～7bar	-15～100psi	isolated、316 stainless steel	Compound	0.05

| VPM001MCS | -0.1～1MPa | -1～10bar | -15～150psi | isolated、316 stainless steel | Compound | 0.05 |
| VPM002MCS | -0.1～2MPa | -1～20bar | -15～300psi | isolated、316 stainless steel | Compound | 0.05 |