

MAM005 - Differential Pressure Switch

The MAMCO MAM005 is a switch that combines gold crossbar contacts with all in one welded contact terminal construction that delivers reliability and extended life in harsh, low pressure environments. The MAM005 line of ultra-low pressure, vacuum and differential switches can be ordered pre-configured for immediate shipment, or ordered as a standard product tailored to user needs. MAM005 can also be custom designed for special applications. The switches come configured with different port orientations to fit mounting requirements, and come in nine different diaphragm materials. The switches can be selected to assure chemical compatibility with most medium and reliable operation in temperature extremes.

MAM005 Differential Pressure Switch: Benefits & Features

- Available preconfigured for immediate shipment
- Available as a standard product tailored to user needs
- May be custom-designed for special applications
- Preconfigured with different port orientations to fit mounting requirements
- Available in nine different diaphragm materials

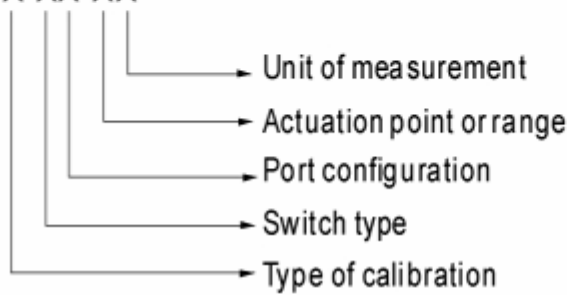


Model	MAM005
Media	Air, Liquids, Gase s
Contact Arrangement	SPST Normally Open, SPST Normally Closed (not field adjustable)
Electrical Rating	Maximum Load: 20 Milliamps @ 30vdc and 10 Milliamps @ 120vac - Life: 1,000,000; Contact resistance: Less than 125 millioms Max.
Operating Temperature	-40 to 120 °C - Specific unit rating depends on material selection; consult factory for additional information.
Electrical Connection	NEMA .020"x .187" Male tabs (3/16)
Operating Pressure	0.04in/ H ₂ O to 550in/ H ₂ O
Burst Pressure	25 psi
Connection	Barb port for 3/16 flexible tubing and 1/8 NPT.
Weight	15.5 grams

Conversion: 1mbar=100pa 1 in/H₂O=249Pa

MAM005 Order Ref No:

MAM005-X-XX-XX



Number	Type of calibration	Switch type	Port configuration	Actuation	Unit of measurement
0				Enter actuation point	Inches of water (H ₂ O)
1	Factory Calibrated	Pressure	Axial	.04-.5 in/H ₂ O	
2	Range Switch	Vacuum	1/8 NPT	.5-5 in/H ₂ O	Pounds per square Inches (PSI)
3		Differential	Radial	5-15 in/H ₂ O	Pascal (Pa)
4				15-60 in/H ₂ O	Millibar (mBar)
5				30-175 in/H ₂ O	Bar (Bar)
6				30-550 in/H ₂ O	Millimeters of Mercury (mmHg)
7					Millimeters of Water (mm H ₂ O)
8					Torr (Torr)