

UL LISTED MONITORING PRESSURE SWITCH- Part No. 200119

Type 12 Pressure Switches are suitable for alarm or safety cut out applications on air, water, oil and other low viscosity fluids that are compatible with EPDM rubber and brass.

-) Very Small and compact
-) Factory set and field adjustable
-) Spring diaphragm operated
-) Rated 3 amp at 250V /24VDC 50Hz
-) Burst Pressure 45 bar UL Listed



STANDARD MATERIALS & PRESSURES

-) ACTIVATION POINT: 100 ± 8 PSIG (6.9 BAR) OPEN INCREASING.
-) DEACTIVATION POINT: 73 ± 8 PSIG (5.0 BAR) CLOSE DECREASING.
-) MAX OPERATING PRESSURE: 200 PSIG (15 BAR).
-) CONNECTOR: NONE.
-) FITTING: BRASS M10x1.0-6g WITH DEFLATOR.
-) ELECTRICAL RATING: 3A 250 VAC/24 VDC.
-) BODY MATERIAL: PLASTIC.
-) CONDUCTORS: 18 AWG.
-) WIRE JACKET/INSULATOR MATERIAL: PVC

TEMPERATURE

Type 12 pressure switches are suitable for use in ambient temperature of -10 to +80°C. The Process fluid must not solidify within these limits

Connection	Brass
Body	Delrin
Seal	EPDM Rubber
Diaphragm	Beryllium Copper

ELECTRICAL DATA

Switching is effected by means of a micro-switch rated at 5 Amp 250V 50Hz. The use on dc circuits or with micro-processor controls should be discussed with Technical team before installation Type 12 pressure switches are supplied with 0.5 metre of 4 core cable connected as follows;

Common	Brown
Normally (Open)	Black
Normally (Closed)	Grey
Earth	Green / Yellow

CORROSIVE APPLICATIONS

The connection can either be stainless steel or UPVC. The diaphragm can be protected from corrosion by fitting a thin disc or PTFE (switches fitted with protection disc should not be subject to vacuum).

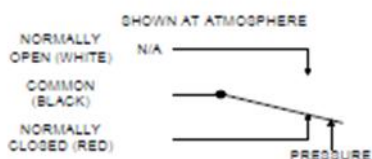
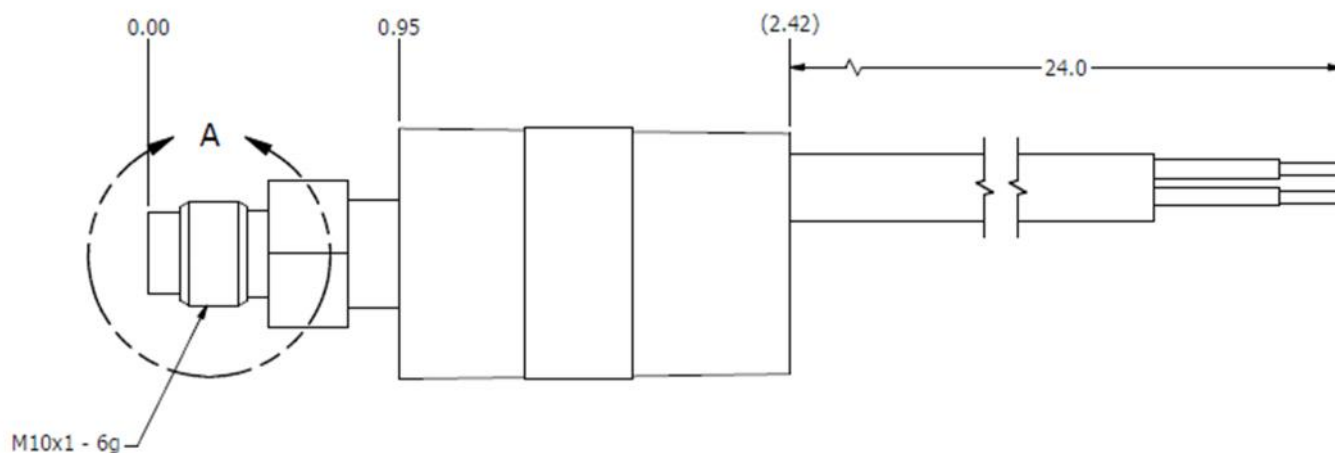
Seals can PTFE, Viton or Nitrile rubber.

MAXIMUM PRESSURE

To ensure long service and life select the pressure range as follows:

-) Dynamic pressure applications $P_{max} = 75\%$ of Range
-) Static pressure applications $P_{max} = 100\%$ of Range
-) Maximum Pressure that can be applied is 125% of pressure range

TECHNICAL DRAWING & DIMENSIONS:



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