



Filters . Accumulators

Pressure Switch Type : PSTY

Applications

High pressure washing machines.
All compressed air, liquids or gases.

Technical Data

Mechanical Connection	: 1/8" BSP, 1/4" BSP, 3/8" BSP.
Reproducibility	: ±1% of adjusted pressure.
Protective Class	: IP55
Working Temperature	: -20°C ... +110°C [-4°F ... +230°F]
Vibration Test (DIN EN 60068-2-6:1996)	: 20g (Test Time 30 min)
Shock Test (DIN EN 60068-2-27:1993)	: 30g
Working Cycle	: 5,000,000 cycles
Viscosity	: Between 10 ... 800 mm ² /sec
Maximum system pressure	: 350 bar [5076 psi].



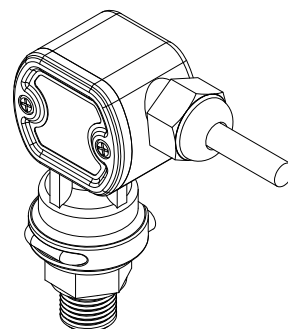
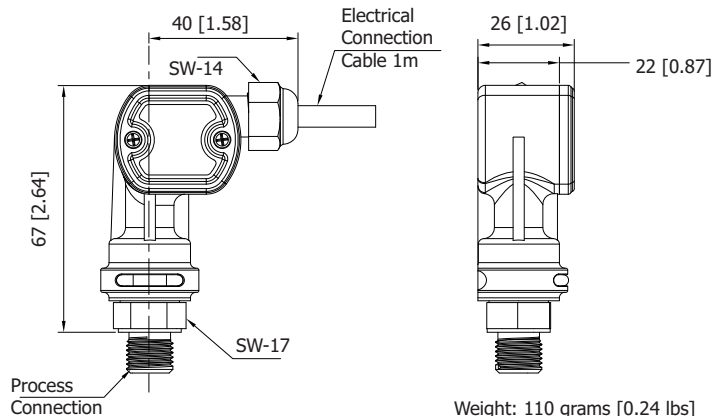
Description

PSTY series pressure switch is creating a difference with compact design. The pressure switch which is used in high pressure washing machines usually, is manufactured by brass which has high corrosion specialty.

Features

- Stable pressure value.
- NBR & Teflon sealing equipment.
- It has long life thanks to high quality micro switch.
- Available with 1/8" BSP, 1/4" BSP & 3/8" BSP connections.
- 1 meter cable length.
- SPDT contact (NC/NO)
- Speciality to work on High vibration.

Dimensions



Dimensions in mm [inch]

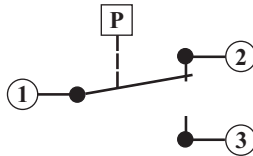
Ordering Code

1 2 3 4 5 6
PSTY - **015** - **G01M** - **B** - **P** - **SPDT**

1	Series	Washer Pressure Switch - Threaded	= PSTY
2	Set Pressure	15 bar [217.6 psi] $\pm 10\%$ 25 bar [362.6 psi] $\pm 8\%$ 40 bar [580.2 psi] $\pm 6\%$	= 015 = 025 = 040
3	Connection	1/8" BSP(M) 1/4" BSP(M) 3/8" BSP(M)	= G01M = G02M = G03M
4	Body	Brass	= B (standard)
5	Sealing	NBR/Nitrile	= P (standard)
6	Electrical Connection	SPDT - NO/NC with Cable	= SPDT (standard)

* Before ordering, check for availability.

Electrical Connection



Switch Function Table

Cable Number	Colour	Contact
1	Red	COM
2	Blue	NC
3	Brown	NO

Switch Function:

Terminal 1-2: It has current in case of pressure decrease or no pressure (NC)
 Terminal 1-3: It has current in case of pressure increases (NO)

Max. Voltage	250 V
Maximum Current	6 (A) AC
Cable Length	1 meter - 3x0.35mm ²

Notes

These values are maximum values and can not be used at the same time.
 For use in aggressive chemicals / fluids contact us.
 Clearances as per standards of Hydraulic oils (fluids) to be strictly followed.
 For effective & long working life of pressure switches it is advised to use proper filtration in the system.
 Please avoid using out of range values to have a long service from pressure switch.