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 mm²/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

Technical specifications subject to change.
**Ordering Code**

| 1 | Series | Washer Pressure Switch - Threaded | = PSTY |
| 2 | Set Pressure | 15 bar [217.6 psi] ±10% | = 015 |
| | | 25 bar [362.6 psi] ±8% | = 025 |
| | | 40 bar [580.2 psi] ±6% | = 040 |
| 3 | Connection | 1/8" BSP(M) | = G01M |
| | | 1/4" BSP(M) | = G02M |
| | | 3/8" BSP(M) | = 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**

<table>
<thead>
<tr>
<th>Cable Number</th>
<th>Colour</th>
<th>Contact</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Red</td>
<td>COM</td>
</tr>
<tr>
<td>2</td>
<td>Blue</td>
<td>NC</td>
</tr>
<tr>
<td>3</td>
<td>Brown</td>
<td>NO</td>
</tr>
</tbody>
</table>

**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)

**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.