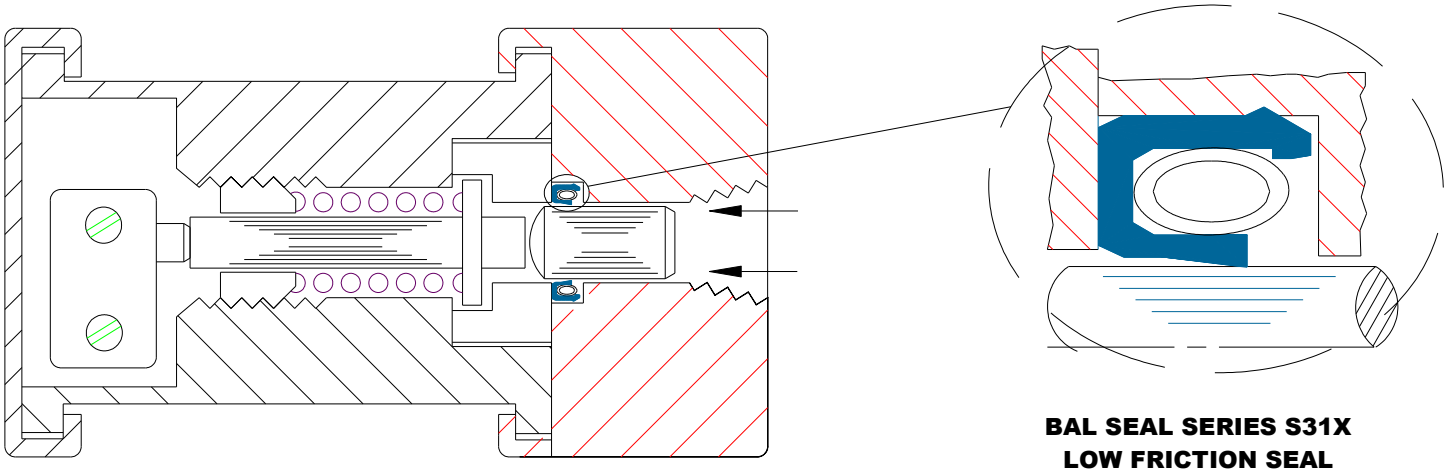
BAL SEAL® SEALS IN PRESSURE SWITCHES

Pressure switches detect an increase in pressure in a fluid circuit and produce a switching signal. They are used throughout industry in a variety of flow-control devices.

A pressure switch is typically tied into the cylinder line. The pressure-sensing element moves as the pressure increases or decreases. When the system pressure has built up to the adjustment setting of the switch, an electrical signal is sent to a flow-control device to divert the flow.



BAL SEAL SERIES S31X
LOW FRICTION SEAL

Operating Parameters

Pressure:	Vacuum to 3,000 psi (210 kg/cm^2)
Temperature:	-70°F to 300°F (-57°C to 149°C)
Media:	Various liquids, gases and steam
Friction:	Very low
Features:	Consistent frictional force

Seal Selection:

Series S31X low-friction Bal Seal® seals provide reliable sealing up to 3,000 psi (210 kg/cm^2) at 70 °F (21 °C). The seal is designed to create a single point-of-contact with the dynamic surface to produce low friction, an important requirement in this application.

The sealing jacket is available in a variety of PTFE compounds, to meet requirements for media, pressure, temperature, and other factors.

For more information and technical assistance, contact a technical sales representative.

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Bal Seal Engineering, Inc. is certified to ISO 9001 | www.balseal.com

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