Swagelok Changeover (SCO)

A Swagelok changeover (SCO) is a special type of primary gas control system used when the continuous supply of gas is important. The SCO automatically starts drawing from a secondary source of gas once the pressure of the primary source equals the set changeover pressure. Once the system is drawing from the secondary source, operators can isolate and replace or refill the primary source while gas is still being supplied to the system.

SCO features include:

- A tied changeover handle design, enabling a wide range of changeover pressures
- Easy serviceability, minimizing downtime if maintenance is needed



Fig. 18 SCO with Outlet Pressure Regulator

System may include:

- KPR series pressure regulator
- R3A series relief valve
- 40G series ball valve
- Swagelok tube fittings
- D series nonrotating-stem needle valve
- PGI series gauges (63C)
- Seamless tubing
- Panel
- Bracket/misc hardware



SCO continued



Fig. 19 SCO P&ID with Outlet Pressure Regulator



Fig. 20 SCO P&ID without Outlet Pressure Regulator

SCO continued

Ordering Information

Build an ordering number by combining the designators in the sequence shown below.

N4 = 1/4 in. Male NPT **F4** = 1/4 in. Female NPT



SCO continued

Dimensions

Dimensions, in inches (millimeters), are for reference only and are subject to change.



Swagelok

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