PRV AND SOLENOID POSITIONING TABLE

VALVE NO.	PRV NORMAL FUNCTION	SOLENOID STATE * (PORT USAGE SEE TABLE 1)	PILOT DIAGRAM
PRV NO. XXX	OPEN/REGULATING	DE-ENERGIZE TO OPEN PRV	DIAGRAM 1
PRV NO. XXX	OPEN/REGULATING	DE-ENERGIZE TO OPEN PRV	DIAGRAM 1
PRV NO. XXX	OPEN/REGULATING	DE-ENERGIZE TO OPEN PRV	DIAGRAM 1
PRV NO. XXX	CLOSED	DE-ENERGIZE TO CLOSE PRV	DIAGRAM 2
PRV NO. XXX	CLOSED	DE-ENERGIZE TO CLOSE PRV	DIAGRAM 2

* THE SOLENOID NORMAL STATE IS TO BE DE-ENERGIZED (TYP).

TABLE 1

SOLENOID PORTING

SOLENOID STATE	PORTS CONNECTED
DE-ENERGIZED	1 TO 3
ENERGIZED	1 TO 2

SOLENOID PILOT SYSTEM
PORT CONNECTIONS FOR
DE-ENERGIZE TO OPEN

TO INLET
(HIGH PRESSURE)

OPTIONAL PIPING CONNECTION

TO OUTLET
(LOW PRESSURE)

DIAGRAM 1

SOLENOID PILOT SYSTEM
PORT CONNECTIONS FOR
DE-ENERGIZE TO CLOSED

TO INLET
(HIGH PRESSURE)

OPTIONAL PIPING CONNECTION
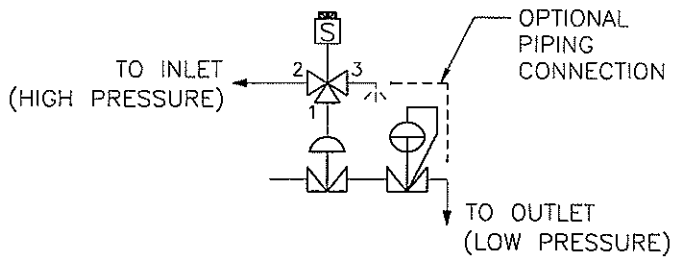
TO OUTLET
(LOW PRESSURE)

DIAGRAM 2

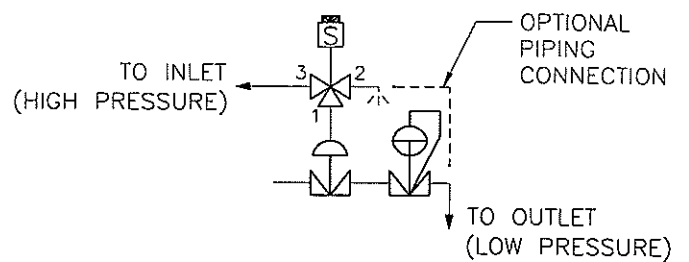# PRV ENABLE/DISABLE SOLENOID

NOT TO SCALE   IT04-2A   080106