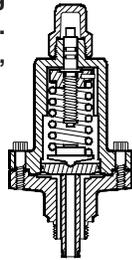


## CONTROL MODULES (PILOTS) FOR ANY REGULATOR

When installed, these control modules (pilots) enable the main regulator to perform different control functions (see page 3, Regulator Variations). Pilots are normally factory installed, but can be retrofitted or interchanged in the field. The nonrising stem can be adjusted by using a 1/4" wrench. Catalog numbers are for the screw-on pilot module. Interchangeable with Danfoss PM Series, size permitting.

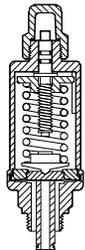
### INLET PRESSURE

Opens as inlet pressure rises. Range: A, 0 to 150 psig (0 to 10 bar), Part 75-1097; or B, 30 to 300 psig (2 to 21 bar), Part 75-1098. Also, Range V, 20" to 130 psig (-0.67 to +9 bar), Part 75-1099. Catalog M3.



M3

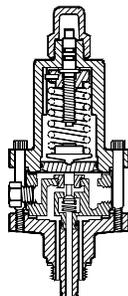
Compact welded pressure pilot. Range A, 0 to 150 psig (0 to 10 bar), Part 75-1126. Standard only on valve sizes 3/4" to 1 1/4". Catalog M3W.



M3W

### OUTLET PRESSURE

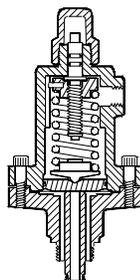
Opens as outlet pressure drops. For hot gas bypass to suction or for controlled supply pressure of defrost hot gas. Also used for compressor suction pressure limiting (crankcase pressure regulator). 1/4" NPT connections for outlet pressure gauge and sensing line (tubing not included). Range B, 30 to 300 psig (2 to 21 bar), Part 75-1101; or Range V, 20" to 130 psig (-0.67 to +9 bar), Part 75-1100. Catalog M3O, specify range.



M3O

### DIFFERENTIAL PRESSURE

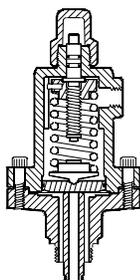
Maintains set-for differential between inlet and outlet or other pressure source. For pump relief or any differential control. 1/4" NPT connection for pressure sensing line (tubing not included). Range A, 0 to 150 psi (0 to 10 bar) difference, Part 75-1081, Catalog M3L.



M3L

### PNEUMATICALLY COMPENSATED

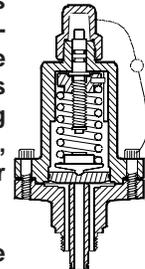
Air or other pressure in the bonnet raises inlet pressure on a 1:1 ratio. 1/4" NPT connection. Range A, 0 to 150 psig (0 to 10 bar), Part 75-1081, Catalog M3P.



M3P

### RESEATING RELIEF

Opens wide when pressure exceeds pressure setting and repeatedly reseats after operation. Defrost relief or high-to-low system relief. Set and tagged. The standard setting for ammonia defrost is 70 psig (4.8 bar). Range A, 0 to 150 psig (0 to 10 bar), Part 75-1103; or Range B, 30 to 300 psig (+2 to 21 bar), Part Number 75-1104. Catalog M3K.

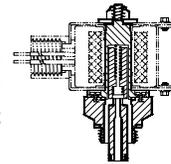


M3K

Compact welded pressure pilot. Range A, 0 to 150 psig (0 to 10 bar), Part 75-1127. Standard on valve sizes 3/4" to 1 1/4". Catalog M3KW.

### SOLENOID

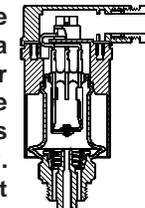
Normally closed. Opens wide when energized. Requires coil. See page 2 for coil selection. Less coil: Part 70-1052, Catalog MS.



M3S

### ELECTRONICALLY CONTROLLED

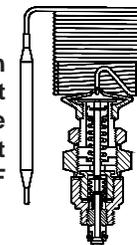
Mounted electronic actuator changes the pressure set point in conjunction with a controller and temperature sensor for either air or liquid. Very precise. See page 12 for the control package which includes the necessary controller and sensor. Range: J1, 0 to 85 psig (0 to 6 bar), Part 27B1140; or J2, 25 to 115 psig (1.7 to 8 bar), Part 27B1141. Catalog M3J.



M3J

### TEMPERATURE OPERATED

Bulb opens the control module on temperature rise to maintain a constant temperature. Part 27B1110 with a range of -40F to +30F (-40°C to 0°C) or Part 27B1111 with a range of +15F to +75F (-10 to +25°C). Catalog M3T.



M3T

### EXTERNAL CONNECTION

Enables a remote pressure source to be introduced to the control via a pilot line (replaces a pilot). 1/4" NPT with separate 4" (100 mm) long weld nipple, Part 35-1015, Catalog M3E25.



M3E25

### BLANKING PLUGS

To be used in a control module port when the port is not utilized. Stopping plugs have square head and are marked with "0" (75-1063). Straight through flow plugs have a hex head and are marked with "1" (75-1064). Catalog M3S (stopping) or M3B (straight through).



M3S



M3B