MODEL 3328 NORMALLY OPEN ADJUSTABLE DIFFERENTIAL AIR PILOT RELAY VALVE ¼” NPT

DESCRIPTION
The 3328 is a poppet-type normally open adjustable relay valve. The diaphragm spring forces the valve stem down, which keeps the poppet open. This allows air to flow from the source of supply directly to the device actuated. When air pressure enters pilot port number two, it will overcome the diaphragm spring force and close the valve. In this position, the source of air supply is cut off and the accumulated air in the OUT line is vented to exhaust. A second pilot signal can be used in pilot port number one. This will assist the spring to counteract pilot signal number two, and again open the source of supply to the device actuated. The dual pilot arrangement lends itself extremely well in complex interlocking circuitry. Various springs are available to give the desired operating characteristics.

Schematic Symbol

SPECIFICATIONS
Weight: 2.9 lbs (1.3 kg)
Materials: Die cast silicon bronze and stainless steel hardware
Maximum Supply Pressure: 200 psi (13.8 bar)
Maximum Pilot Pressure: 140 psi (9.7 bar)
Operating Temperature Range: -40°C to +90°C
Pipe Port Size: ¼” NPT

ORDERING INFORMATION
Model Designation Code:
A – Standard inlet cap
B – With flow control inlet cap
C – Heavy spring, 40-120 psi range
D – Light spring, 25-60 psi range
DD – Extra light spring, 10-20 psi range
E – Left hand model
F – Right hand model (as shown in picture)

The standard Model 3328 Relay Valve is supplied as follows:
- Standard inlet cap
- Heavy spring
- Left or right hand model (to specify)

To order, state model number followed by desired designation code.
Example: 3328-ACE for standard left hand valve.
Repair kit 3328-RK is available for seal repair.
DIMENSIONS AND PARTS LIST
MODEL 3328

All Dimensions in inches (mm)

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Alternative inlet cap with flow control (item 32) can be used to replace item 28.

* Optional