

INSTALLATION AND MAINTENANCE INSTRUCTIONS
DIVERTER VALVE TYPE GD



- Note:** These valves are designed and supplied for incorporation with other equipment.
- Warning:** Ensure that any part of body is kept clear of valve internals at all times during operation, testing and servicing.

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Ensure mating flanges are flat. A soft gasket such as rubber should be used to take up irregularities in flanges with uneven surfaces. The slide plate is nearest to the top flange of the valve. Valve must be mounted in the horizontal plane, i.e. top flange horizontal.

Valves are tested at the works, the slide plate/insert clearance being set. If this clearance is to be adjusted to suit product size and/or type, then the following procedure should be followed. The nuts securing the eccentric nylon supports should be slackened. The supports can be turned to increase or decrease the clearance by turning the pin using a hexagon key. The locknut is then re-tightened while holding the pin stationary.

Air supply should be approximately 5 Bar and free from moisture. Ensure the nylon piping is not kinked. The standard solenoid valves supplied are single solenoid types and are piped so that the valve opens on energising the solenoid and closes on de-energising, this gives a 'fail safe' condition on electricity supply failure.

MAINTENANCE - After prolonged periods, wear will take place and cause the slide plate/insert clearance to increase. This can be reduced by adjustment as described above.

NOTE: ISOLATE AIR AND ELECTRICITY SUPPLY BEFORE WORKING ON PNEUMATIC VALVE.

REPLACEMENTS -

- (a) The seals in the pneumatic cylinder can be replaced when worn. These are supplied in kit form.
- (b) The slide plate supports can be replaced by removing the valve from position, undoing pin, retaining nut and washer and replace, as described above.

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