

# 52000

## GAS SOLENOID

- Suitable for use on Natural Gas and LPG.
- Coils Suitable for 24V A.C.
- A.C. Coils with DIN or Amp Tag Connector.
- In Line Body Connections.
- 1/8"NPT and 1/8"BSP Fittings Available.
- Conforms to BS EN 161:1991  
ANSI Z21.21:2000 CSA6.5:2000



52001

### Application

The Teddington 52000 Series Gas Solenoid Valves are designed for use on gas appliances and acts as an on/off control or safety shutoff.

The 52000 can also be used on weep lines on gas servo valves controlling larger installations.

### Physical Description

This unique product utilises Teddington's well-proven design capability to provide a compact solenoid coil, with a lightweight aluminium body.

The connection via a DIN plug or amp tags allows for extra versatility when dealing with wiring looms, as only one valve needs to be

This also allows the valve and loom to be changed quickly and independently of each other.

### Operation

The 52000 Series are electrically operated shut off valves, which uses a magnetic field to convert electrical energy into mechanical movement.

This new Teddington solenoid valve presents the designer with infinite scope, offering latitude in design and layout.



## Rated Flow-rate

0.28m<sup>3</sup>/h (SG:1.0) @1mbar pressure drop

## Connection Sizes (inlet & outlet)

52001 1/8"NPT  
52002 1/8"BSP

## Coil

24V a.c. 50/60Hz 6Va.

## Operating Temp Range

0 - 80°C.

## Mounting Attitude

Solenoid upright or horizontal ±5°

## Maximum Working Pressure

150mbar.

## Standards

52001 Approved to: ANSI Z21.21:2000 CSA6.5:2000  
Incl AMENDMENT Z21.21b:2004 &  
EN161:2002 EXCLUDING CLAUSE 6.3.2 THREADS  
(NPT)

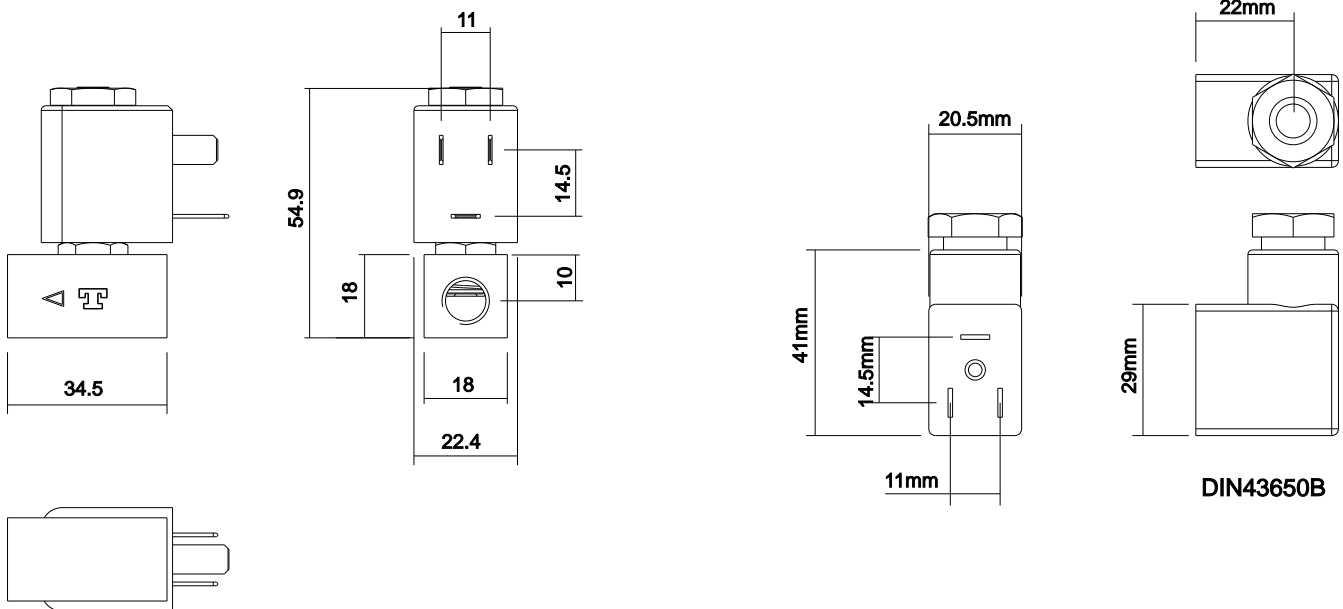
52002 Approved to: EN161:2002

## Cable

Loom to suit application.

DIN or Amp tag connections, (DIN 43650B type plug).

## Model shown 52001



(All dimensions in mm unless shown otherwise)



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