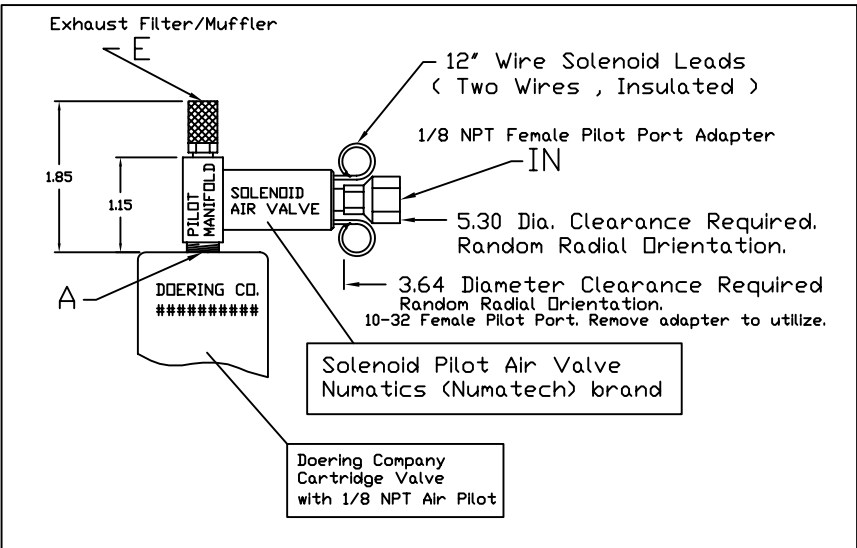


Functional Symbol, Solenoid Pilot Only, Normally Closed.
 Doering Cartridge Valve functional symbol is down stream from Pilot Solenoid.
 Doering Cartridge Valve functional symbol not illustrated on this data sheet.

A = Air Pilot to Doering Valve
 E = Exhaust (Vents Doering Air Pilot Cylinder).
 IN = Air Supply Inlet to Pilot solenoid.

Numatics (Numatech) Maximum Pressure, 100 PSI Air.



Functional Symbol, Solenoid Pilot Only, Normally Open.
 Doering Cartridge Valve functional symbol is down stream from Pilot Solenoid.
 Doering Cartridge Valve functional symbol not illustrated on this data sheet.

A = Air Pilot to Doering Valve
 E = Exhaust (Vents Doering Air Pilot Cylinder).
 IN = Air Supply Inlet to Pilot solenoid.

Numatics (Numatech) Maximum Pressure, 100 PSI Air.

Solenoid Pilot Option application information:

Provides a means of interfacing electronic control logic to Doering Air Pilot Operated valves. Air is required to provide the actuation of the Doering valve however the logic remains electronic. The relatively low watt consumption allows low heat and possible direct P.C. control interface. This data sheet illustrates Numatics or Numatech brand Pilot Solenoid valve.

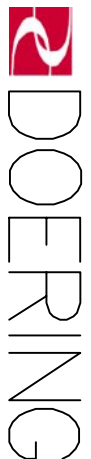
The series of Numatics or Numatech brand solenoid valves that are illustrated in this Pilot Solenoid Option, mounts with a 10-32 Male Thread stud.

The 10-32 mounts on the solenoid valve and the 1/8 NPT adapter are very fragile and subject to breaking.

Doering Company has shifted away from Numatics (Numatech) brand valves because of the fragile 10-32 Thread Mounting.

As an alternative, Doering Company offers Solenoid Pilot Option using MAC brand valves. For MAC Solenoid Pilot Option information, please reference Doering Spec. Sheet No. 1202090.

Numatics (Numatech) brand
 Solenoid Pilot Option
 for Doering Air Pilot Operated Valves.



Note: 1200901 is Doering Company P/N for Numatics (Numatech) P/N HS03M1H00B51R Solenoid Air Valve.

Following is Order by Doering P/N Information:

1200901A Assembled to Doering Valve as Normally Closed
1200901B Assembled to Doering Valve as Normally Open
1200901AB Components in a Kit package, Not Assembled.

Individual Components:

1200901 Solenoid Air Valve, 120 vac, 3.8 Watt, 10-32 Mount
1200898 Pilot Manifold, 1/8 NPT x 10-32 x 10-32
1200896 1/8 NPT to 10-32 Adapter
1200897 Exhaust Filter/Muffler, 10-32

120 vac
3.8 Watt
Solenoid Pilot Option

Note: 1200947 is Doering Company P/N for Numatics (Numatech) P/N HS03M7H00B Solenoid Air Valve.

Following is Order by Doering P/N Information:

1200947G Assembled to Doering Valve as Normally Closed
1200947H Assembled to Doering Valve as Normally Open
1200947GH Components in a Kit package, Not Assembled.

Individual Components:

1200947 Solenoid Air Valve, 24 vdc, 1.5 Watt, 10-32 Mount
1200898 Pilot Manifold, 1/8 NPT x 10-32 x 10-32
1200896 1/8 NPT to 10-32 Adapter
1200897 Exhaust Filter/Muffler, 10-32

24 vdc
1.5 Watt
Solenoid Pilot Option

As an alternative, Doering Company offers Solenoid Pilot Option using MAC brand valves.
For MAC Solenoid Pilot Option information, please reference Doering Spec. Sheet No. 1202090.

Numatics (Numatech) brand
Solenoid Pilot Option
for Doering Air Pilot Operated Valves.

6343 RIVER ROAD SE ■ CLEAR LAKE, MN 55319 USA
Telephone: 320-743-2276 ■ Fax: 320-743-3723
mailto:mailbox@doering.com ■ www.doering.com

