



**canfield connector**  
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**SERIES 5000**

**SOLENOID VALVE CONNECTORS  
 GENERAL PRODUCT OVERVIEW**

**General Description**

The ISO and 8mm Sub-Micro connectors are made according to DIN 43650 / ISO 4400, EN175301-803:2006. The MINI and 9.4mm Sub-Micro connectors are industry standards. All are used as protective enclosures for electrical connection in conjunction with hydraulic and pneumatic solenoid valves. These connectors offer distinct advantages over "hardwired" solenoid valves because of their modular design. Used where rapid installation and service are a must. Better than molded construction when special wire is needed or when using one long wire run.

**Dimensional Data**

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED (COMPLETE DIMENSIONAL INFORMATION IS PROVIDED ON INDIVIDUAL PAGES)

<p><b>MINI</b></p>	<p><b>ISO</b>            DIN 43650 Form "A" / ISO 4400,            EN175301-803:2006</p>	<p><b>Sub-Micro</b>            (8mm) DIN 43650 Form "C" / ISO 4400,            EN175301-803:2006</p>
<p><b>PG9</b></p>	<p><b>PG9</b></p>	<p><b>8mm Strain Relief</b>  <small>*Ground spade offset by 0.2mm toward pin 1.</small></p>
<p><b>3/8" Conduit</b></p>	<p><b>PG11</b></p>	<p><b>8mm 1/2" Conduit</b>  <small>*Ground spade offset by 0.2mm toward pin 1.</small></p>
<p><b>1/2" Conduit</b></p>	<p><b>1/2" Conduit</b></p>	<p><b>9.4mm Strain Relief</b></p>
<p><b>1/2" Conduit</b></p>	<p><b>1/2" Conduit</b></p>	<p><b>9.4mm 1/2" Conduit</b></p>

## Ordering Information

Use a prefix of "G" for Individually Bagged

5 □ 0 □ - □ □ □ □ □ 0 0

### Orientation

1 - Ground down  
Other ground orientations available.  
Please consult factory.

### Lighting Specification

0 - Unlighted  
3 - 6 - 48V AC/DC 50/60 Hz  
7 - 48 - 120 VDC  
100 - 240 VAC 50/60 Hz

### Gasket

1 - Nitrile  
2 - Silicone  
3 - Nitrile profile\*\*

### Housing Color

0 - Standard "B"  
1 - Gray "A"

### Contacts

0 - 2+ ground  
1 - 3+ ground\*

### Connector Types

01 - MINI strain relief PG9  
02 - MINI 3/8" conduit  
03 - MINI 1/2" conduit  
08 - ISO strain relief PG9  
09 - ISO strain relief PG11  
10 - ISO 1/2" conduit  
90 - Sub-Micro PG7 DIN interface (8mm)  
91 - Sub-Micro 1/2" conduit interface (8mm)  
95 - Sub-Micro 1/2" conduit (9.4mm)  
99 - Sub-Micro strain relief PG7 (9.4mm)

Each connector kit contains fastening hardware and gasket assembly.

\* NOT Available in MINI

\*\*NOT Available in Sub-Micro

Not all combinations are available. Consult factory for details.

NOTE: When using MAC Valves with 9.4mm Sub-Micro, consult our factory.

MAC is the registered trademark of MAC Valves, Inc.

### Ordering Example:

5100-1010000

Ground down, unlighted, nitrile gasket, MINI strain relief PG9 connector, 2+ ground contacts, standard house



Consult factory for available versions listed by Canadian Standards Association for use with certified electrical equipment.