

canfield connector
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 www.canfieldconnector.com

SERIES 5000

**MINI
 SOLENOID VALVE CONNECTOR**

General Description

The Canfield Connector field wireable MINI solenoid valve connector is a high quality interconnection device for use with solenoid valves and pressure switches. The connector features a PG9 strain relief, 3/8" or 1/2" conduit wire pass through, all with screw terminals for wire connections. The MINI accommodates wire from .240" to .410" diameter as a standard with an AWG of 14 maximum. Environment resistance of NEMA 4 / IP 65 along with versions which are CSA approved ensure long trouble free service. Current maximum of 10 Amps and the temperature rating of -40° to +125°C encompasses most applications. The interface is an industry standard.

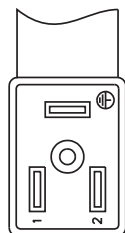


Dimensional Data

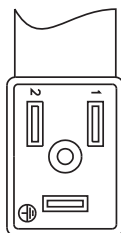
ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED

Strain Relief	3/8" Conduit	1/2" Conduit

Wiring Information



Ground Up



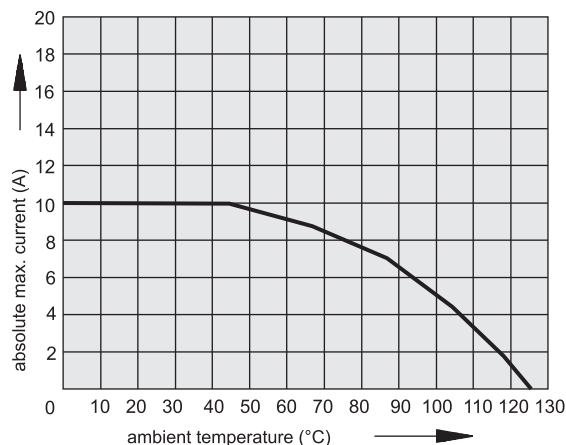
Ground Down

Normal polarity: 1 = (+) Positive, High
 2 = (-) Negative, Neutral
 = Chassis Ground

Technical Data

- The cable outlet can be assembled in 180° increments
- Color: black, gray or translucent for lighted styles
- Cable diameter: PG9 - .236 to .315 inches O.D.
3/8" & 1/2" Conduit - .410 inches max.
- Cross section of the conductor wire max.: 14 AWG
- Rated voltage max.: 300 VDC / 250 VAC 50/60 Hz
- Maximum approved current: 10 Amps
- No. of contacts: 2+ ground
- Environmental protection: NEMA 4 and IP 65 dust tight and water resistant
- Maximum rated temperatures for gaskets:
Nitrile gasket -25° to +90°C
Silicone gasket -40° to +125°C

Derating Curve



Ordering Information

Use a prefix of "G" for Individually Bagged

5 □ 0 □ - □ □ □ 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

Connector Types

01 - MINI strain relief PG9
02 - MINI 3/8" conduit
03 - MINI 1/2" conduit

Housing Color

0 - Black "B" standard. Translucent if lighted.
1 - Gray "A"



SERIES 5000 MINI

Can-Pak Part Number	Qty
CP-5100-1010000-025	25
CP-5100-1010000-100	100
CP-5100-1030000-025	25
CP-5100-1030000-100	100
CP-5103-1010000-025	25
CP-5103-1010000-100	100
CP-5107-1010000-025	25
CP-5107-1010000-100	100
CP-5163-1010000-010	10
CP-5163-1010000-050	50
CP-5167-1010000-010	10
CP-5167-1010000-050	50

Each connector kit contains fastening hardware and gasket assembly.

Ordering Example:

5100-1010000

Ground down, unlighted, nitrile gasket, MINI strain relief PG9 connector, black house



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