



canfield  
connector

5000 SERIES  
MINI  
FIELD WIREABLE  
SOLENOID VALVE CONNECTOR

## GENERAL DESCRIPTION

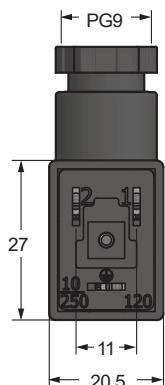
The Canfield Connector 5000 Series field wireable MINI solenoid valve connector is a high quality interconnection device for use with solenoid valves and pressure switches. The connector features a PG9 strain relief, 3/8" or 1/2" conduit wire pass through, all with screw terminals for wire connections. 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 ensure long trouble free service. Current maximum of 10 Amps and the temperature rating of -40° to +125°C encompasses most applications. Available in unlighted or lighted with industry standard interface.



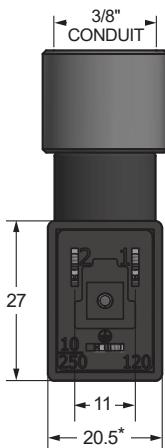
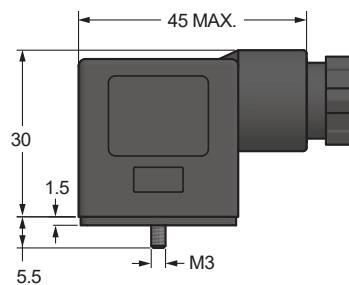
MINI PG9, Unlighted version shown above

## DIMENSIONAL DATA

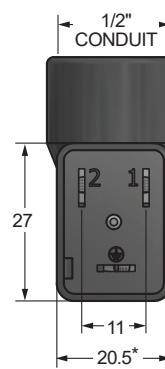
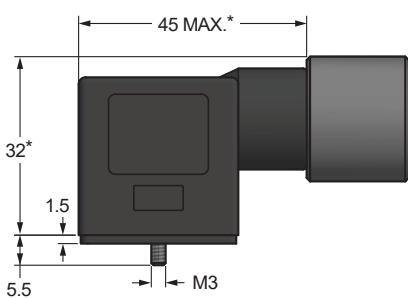
All dimensions are in millimeters unless otherwise noted.



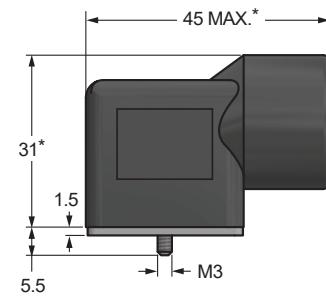
PG9  
Ground Down Shown



3/8" CONDUIT  
Ground Down Shown



1/2" CONDUIT  
Ground Down Shown



\*Dimensions subject to change notice.  
For critical specifications, contact factory.

## TECHNICAL DATA

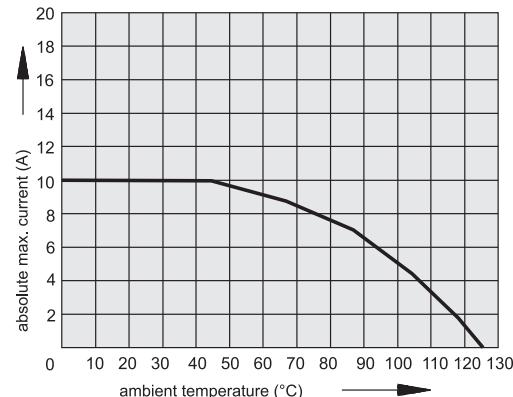
<b>Current Max.</b>	10 Amps
<b>Voltage Max.</b>	250 VAC 50/60 Hz, 300 VDC
<b>Materials</b>	Housing: Black; Gray; Translucent (lighted versions)
<b>Gasket Temperature Max.</b>	Nitrile: -25° to +90°C Silicone: -40° to +125°C
<b>Environmental Protection</b>	Designed for IP 65 / NEMA 4 Dust tight and water resistant
<b>Cable Diameter</b>	PG9 0.236" to 0.315" O.D. 3/8" Conduit 0.410" max. 1/2" Conduit 0.410" max.
<b>Wire Gauge Max.</b>	14 AWG
<b>Size</b>	MINI: 11mm pin spacing - Industry Standard
<b>Number of Contacts</b>	2+ ground

NOTE: Slight discoloration may occur to translucent material after prolonged exposure to UV rays.

## WIRING INFORMATION

Terminal Configuration	
	Chassis Ground
1	(+) Pos. / High
2	(-) Neg. / Neut.

## DERATING CURVE



## ORDERING INFORMATION

Each connector kit contains screw, washer and gasket assembly.



Use a prefix of "G" for Individually Bagged

5  0  -   0 0 0 0

### Orientation

1 - Ground down

Additional ground orientations available

### Lighting Option

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 - Black "B" standard. Translucent if lighted.

1 - Gray "A"

### Connector Types

01 - MINI strain relief PG9

02 - MINI 3/8" conduit

03 - MINI 1/2" conduit

**Ordering Example:** 5100-1010000

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