



**canfield
connector**

5000 SERIES

MINI
FIELD WIREABLE
SOLENOID VALVE CONNECTOR

GENERAL DESCRIPTION

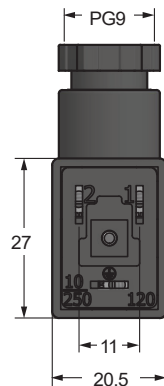
The Canfield Connector 5000 Series field wireable MINI solenoid valve connector is a high quality interconnection device for use with solenoid valves and pressure switches. The connector features a PG9 strain relief, 3/8" or 1/2" conduit wire pass through, all with screw terminals for wire connections. 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.



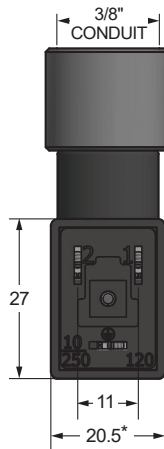
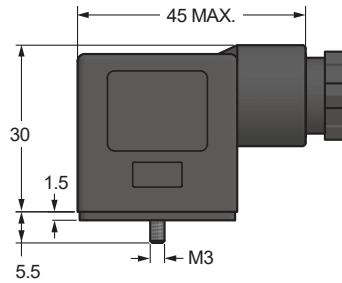
MINI PG9, Unlighted version shown above

DIMENSIONAL DATA

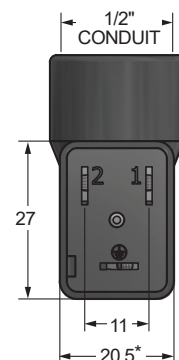
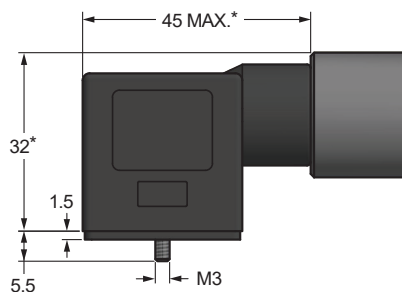
All dimensions are in millimeters unless otherwise noted.



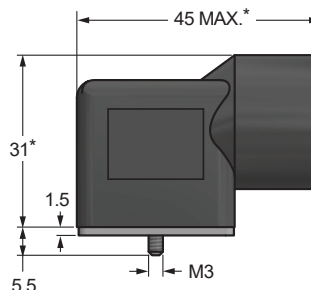
PG9
Ground Down Shown



3/8" CONDUIT
Ground Down Shown



1/2" CONDUIT
Ground Down Shown



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



TECHNICAL DATA

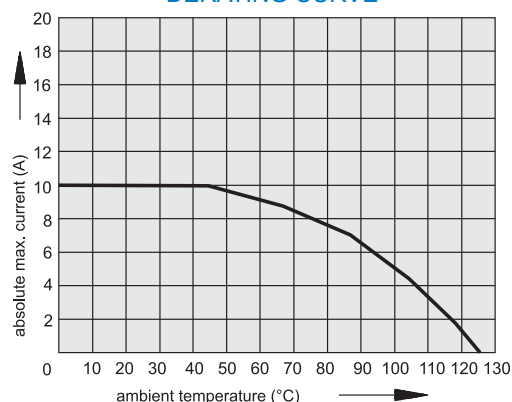
Current Max.	10 Amps
Voltage Max.	250 VAC 50/60 Hz, 300 VDC
Materials	Housing: Black; Gray; Translucent (lighted versions)
Gasket Temperature Max.	Nitrile: -25° to +90°C Silicone: -40° to +125°C
Environmental Protection	Designed for IP 65 / NEMA 4 Dust tight and water resistant
Cable Diameter	PG9 0.236"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

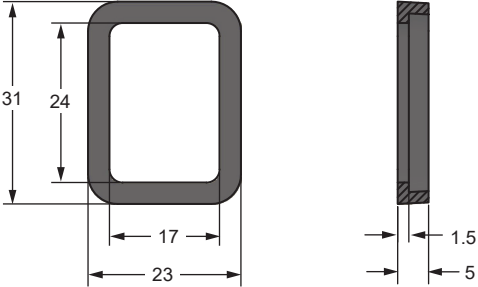
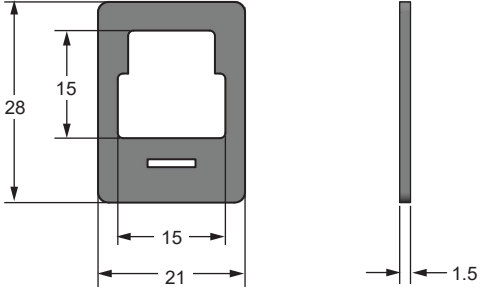
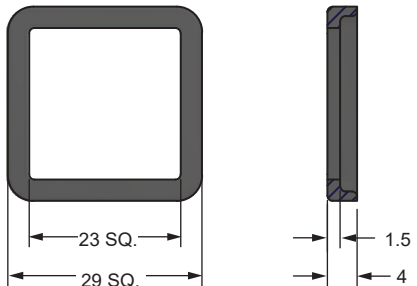
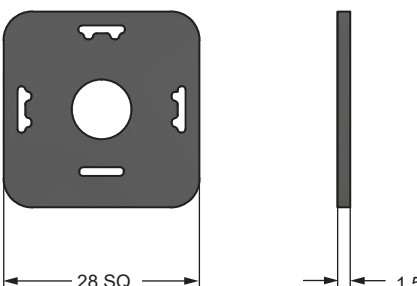
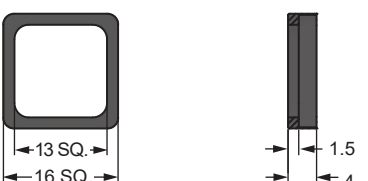
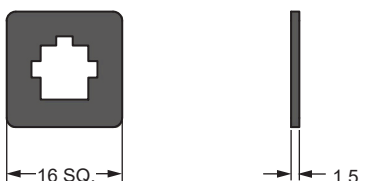
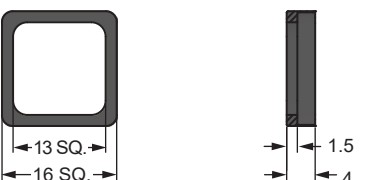
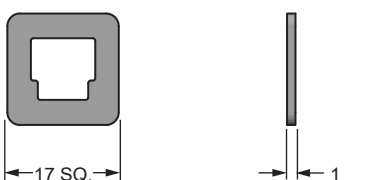
02 - MINI 3/8" conduit

03 - MINI 1/2" conduit

Ordering Example: 5100-1010000

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



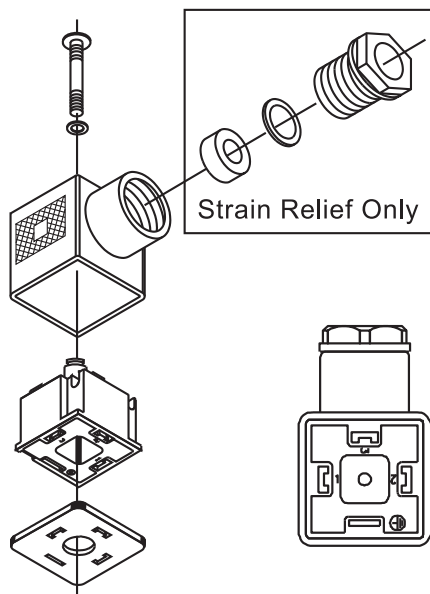
Gasket Detail Options		
	Profile	Flat
MINI		
ISO		
Sub-Micro 8mm		
Sub-Micro 9.4mm		

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED
GASKET MATERIAL COLORS MAY VARY



SOLENOID CONNECTOR

ISO, MINI, SUB-MICRO



WIRING

N.O. 1 TERMINAL POWER (+)

N.O. 2 TERMINAL NEUTRAL (-)

THIRD TERMINAL IS FOR GROUND

A50-1029 Rev. 03