

**canfield  
connector**

**FAC SERIES**  
7/8" AUTOMOTIVE  
FIELD BUS ADAPTER  
SOLENOID VALVE CONNECTOR

## GENERAL DESCRIPTION

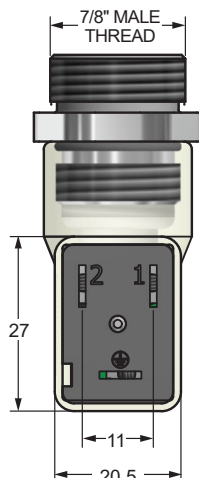
The FAC Series is Canfield Connector's solenoid valve connector series designed for automation. The FAC Series facilitates modern equipment construction by reducing assembly time and increasing productivity. Incorporating an American standard (Daniel Woodhead) 7/8" circular connector adapting to a female ISO DIN Style "A" EN175301-803 (Formerly DIN 43650) solenoid valve connections, the connector touts a rugged plug and play installation which conforms to environmental protection class IP65/NEMA 4 dust tight and water resistant. No hand wiring is involved, and the connector has optional indicator light and surge suppression which benefit rapid installation into modern field-bus systems.



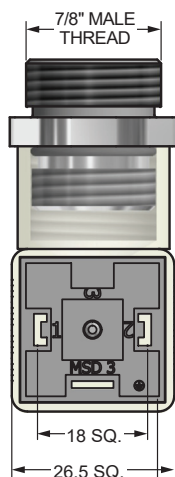
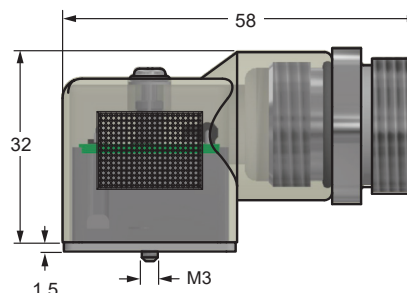
ISO, Lighted version shown above

## DIMENSIONAL DATA

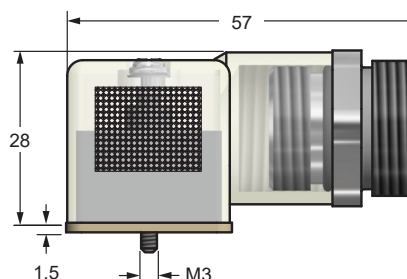
All dimensions are in millimeters unless otherwise noted.



**MINI**  
Ground Down Shown



**ISO**  
Ground Down Shown





## TECHNICAL DATA

<b>Current Max.</b>	3 Pole: 4 Amps 5 Pole: 3 Amps
<b>Voltage Max.</b>	250 VAC 50/60 Hz, 300 VDC
<b>Materials</b>	Housing: PA, Black; PC, Translucent (lighted versions) Adaptor: Aluminum
<b>Temperature Range</b>	-25° to +85°C
<b>Gasket Temperature Max.</b>	Nitrile: -25° to +90°C
<b>Environmental Protection</b>	Designed for IP 65 / NEMA 4
<b>Size</b>	ISO: 18mm pin spacing - DIN Style "A" EN175301-803 MINI: 11mm pin spacing - Industry Standard
<b>Number of Contacts</b>	2+ ground 3+ ground

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

## PIN CONFIGURATION

### Male Input

3 Pole

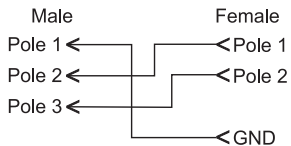


5 Pole

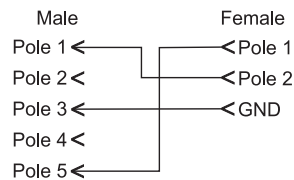


## AUTOMOTIVE STANDARD CIRCUIT TYPES

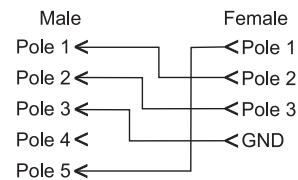
### 3 pole to ISO or MINI



### 5 pole to ISO or MINI



### 5 pole to 3+G ISO



## ORDERING INFORMATION

Each connector kit contains screw, washer and gasket assembly.

F A C 2 1 1 M 0

### Contact (Poles)

03 - 3 poles  
05 - 5 poles (3+G only)

### Lighting Options

0 - No light indicator  
3 - With indicator light 6-48V AC/DC  
4 - With indicator light & surge suppression 6-48V AC/DC\*\*  
7 - With indicator light 100-240 VAC/48-120 VDC  
8 - With indicator light & surge suppression 100-240 VAC/48-120 VDC\*\*

\*\* 2+ ground only

### Female Contacts

0 - 2+ ground  
1 - 3+ ground

### DIN Orientation

1 - Ground down  
3 - Ground up

### Connector Type

1 - MINI\*\*  
2 - ISO  
\*\* 2+ ground only

**Ordering Example:** FAC211M0302100

3 pole, no light, ISO, ground down, 2+ ground



Gasket Detail Options		
	Profile	Flat
<b>MINI</b>		
<b>ISO</b>		
<b>Sub-Micro 8mm</b>		
<b>Sub-Micro 9.4mm</b>		

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