

**canfield
connector**

FAC SERIES

12MM

FIELD BUS ADAPTER
SOLENOID VALVE CONNECTOR

GENERAL DESCRIPTION

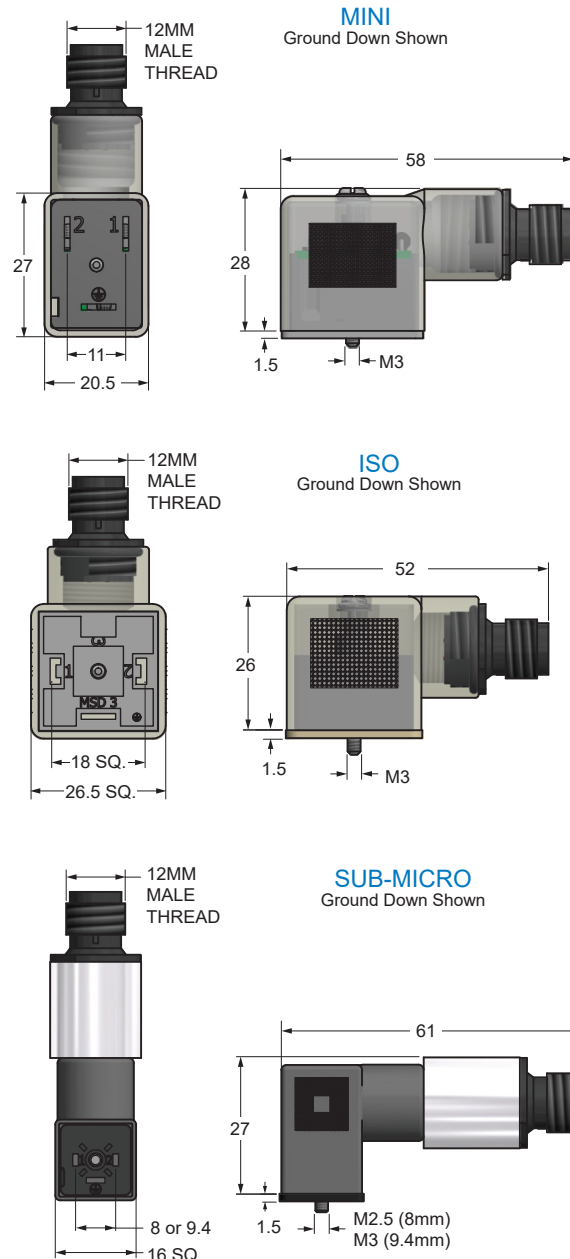
The FAC Series 12mm Field-bus adapter is Canfield Connector's solenoid valve connector series designed for automation. The FAC Series facilitates modern equipment construction by reducing assembly time and increasing productivity. Incorporating an M12 circular connector input adapting to a female DIN Style 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.





TECHNICAL DATA

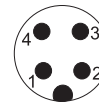
Current Max.	4 Pole: 4 Amps 5 Pole: 3 Amps
Voltage Max.	4 Pole: 250 VAC 50/60 Hz, 300 VDC 5 Pole: 60V AC/DC
Materials	Housing: PA, Black; PC, Translucent (lighted versions) Adaptor: Aluminum
Temperature Range	-25° to +85°C
Gasket Temperature Max.	Nitrile: -25° to +90°C
Environmental Protection	Designed for IP 65 / NEMA 4
Size	ISO: 18mm pin spacing - DIN Style "A" EN175301-803 MINI: 11mm pin spacing - Industry Standard Sub-Micro: 8mm pin spacing - DIN Style "C" EN 175301-803 Sub-Micro: 9.4mm pin spacing - Industry Standard
Number of Contacts	2+ ground

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

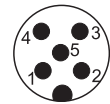
PIN CONFIGURATION

Male Input

4 Pole

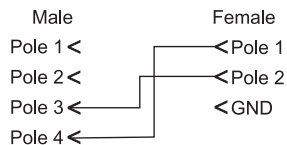


5 Pole

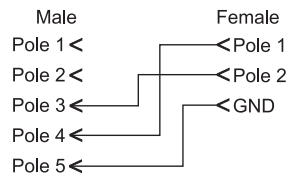


OPTIONAL CIRCUIT TYPES

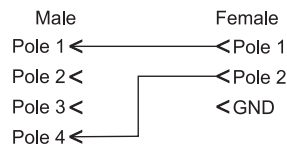
PNP Type 0 - 4 pole



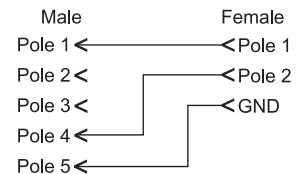
PNP Type 0 - 5 pole



NPN Type 1 - 4 pole



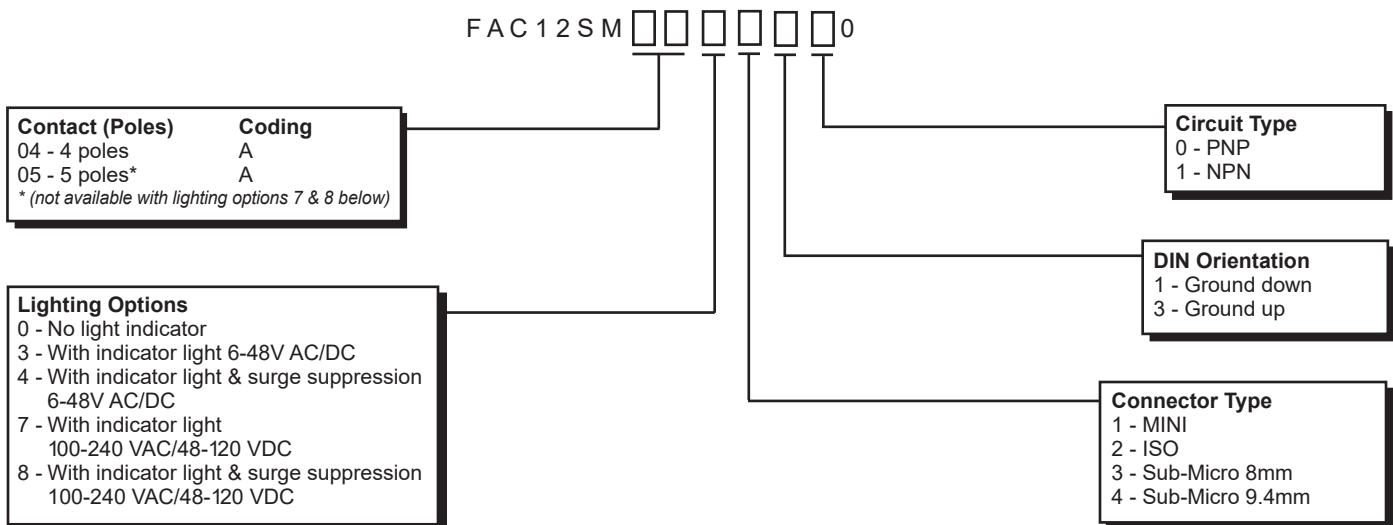
NPN Type 1 - 5 pole



Male connector color code (Pole 1 - Brown, Pole 2 - White, Pole 3 - Blue, Pole 4 - Black, Pole 5 - Gray)

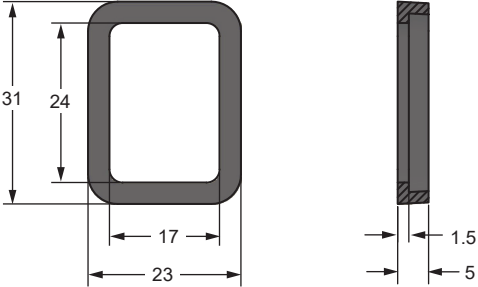
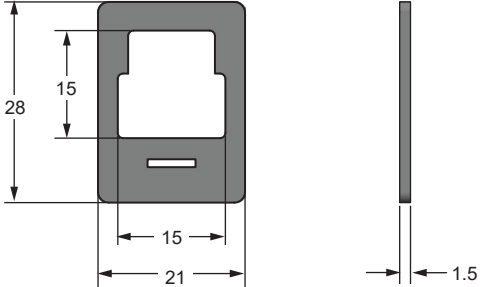
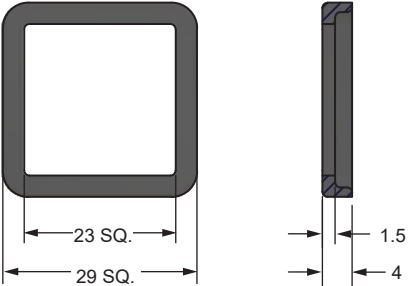
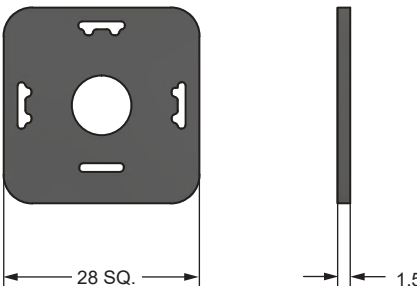
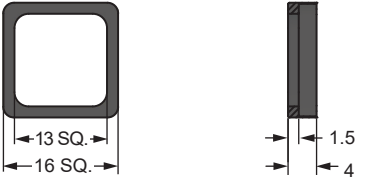
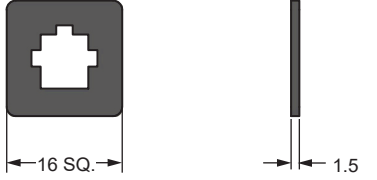
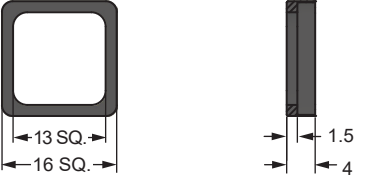
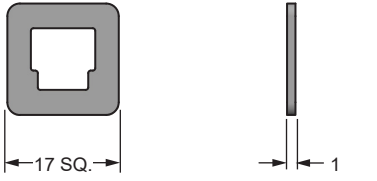
ORDERING INFORMATION

Each connector kit contains screw, washer and gasket assembly.



Ordering Example: FAC12SM0402100

4 pole, no light, ISO, ground down, PNP

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