

canfield connector
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SERIES FAC

FIELD BUS ADAPTER SOLENOID VALVE CONNECTORS

General Description

The FAC series connectors are modular interface connectors made to conform to industry standard configurations. These connectors interface female ISO, MINI and Sub-Micro solenoid connections to industry standard male 7/8" (MINI) and 12mm (Micro) circular connectors. These are as shown on the following pages. These rugged modular connectors offer rapid installation and environmental protection designed to IP 65 and NEMA 4. Options include indication LED, surge suppression and various pre-wired circuit configurations to connect with popular multi-port electronic interconnection systems and field-bus systems.



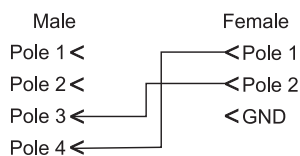
Dimensional Data

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED

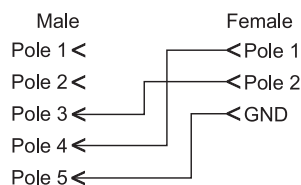
MINI	ISO	SUB-MICRO 8mm or 9.45mm
	<p>DIN 43650 Form "A" / ISO 4400, EN17530-803:2000</p>	<p>DIN 43650 Form "C", EN17530-803:2000</p>

† Optional Circuit Types

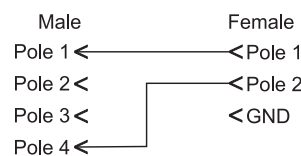
PNP Type 0 - 4 pole



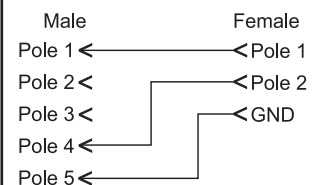
PNP Type 0 - 5 pole



NPN Type 1 - 4 pole



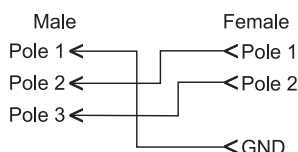
NPN Type 1 - 5 pole



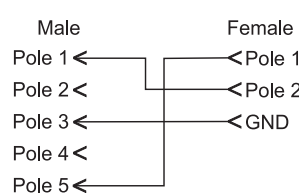
Male connector color code (Pole 1 - Brown, Pole 2 - White, Pole 3 - Blue, Pole 4 - Black, Pole 5 - Gray)

Automotive Standard Circuit Types

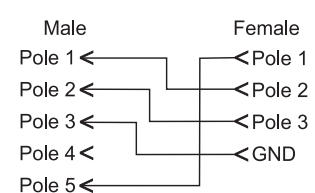
3 pole to ISO or MINI



5 pole to ISO or MINI



5 pole to 3+G ISO



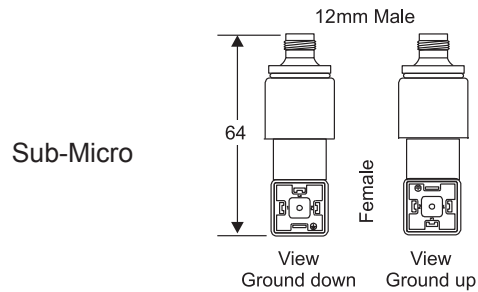
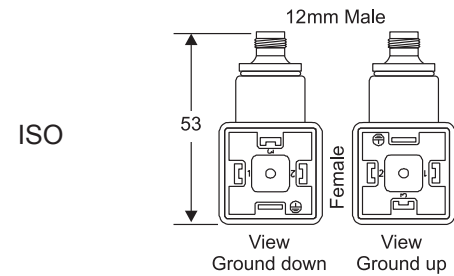
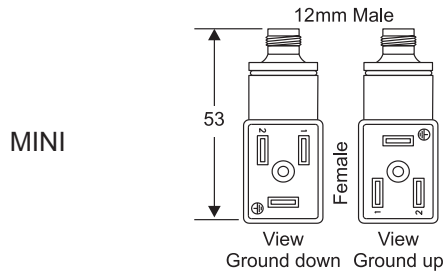
Technical Data

- Wire: Black PVC
- Nominal Voltage Rating: See Connector Type
- Max. Nominal Current: 3/4 Pole 4 Amps
5 Pole 3 Amps
- Environmental Protection: IP 65/NEMA 4
- Temperature Rating: -25° to +85°C

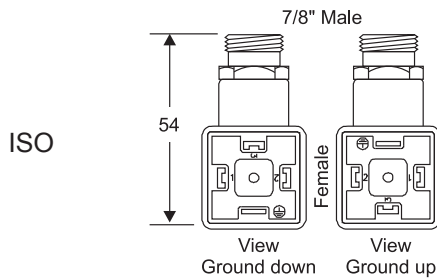
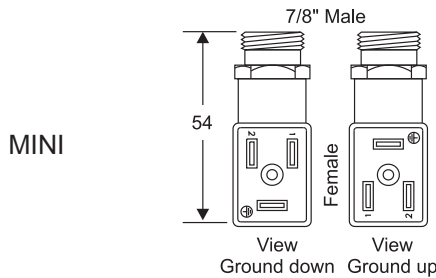


Consult factory for available versions listed by Canadian Standards Association for use with certified electrical equipment.

12mm to MINI Connector, ISO, or Sub-Micro



Automotive Standard to MINI Connector or ISO



Ordering Information

FAC 2 1 1 M 0

Males Contact (Poles)
03 - 3 poles
05 - 5 poles

Female Contacts
0 - 2+ ground
1 - 3+ ground

DIN Orientation
1 - Ground down
3 - Ground up

Connector Type
1 - MINI**
2 - ISO

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+G version only

Ordering Information

FAC 1 2 S M 0

Contact (Poles)
04 - 4 poles
05 - 5 poles*

Circuit Type†
0 - PNP
1 - NPN

DIN Orientation
1 - Ground down
3 - Ground up

Connector Type
1 - MINI
2 - ISO
3 - Sub-Micro 8mm
4 - Sub-Micro 9.4mm

Lighting Options
0 - No light indicator
3 - With indicator light
& surge suppression
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

*5 pole maximum rating of 30 VDC (not available with lighting options 7 & 8)
† See chart at bottom of page 31

