



Solenoid Valve Connectors

Form C Solenoid Valve Field Connectors



Form C | Industry Standard | Field Wireable Plugs | Cordsets | IP65 Rating

# of Poles	Voltage	Circuitry	Field Wireable ⊕	Cordsets ⊕		
			PG 7 6 to 7 mm	2 M	5 M	10 M
2 + Ground**	250V AC/DC (Maximum)	None	VKN-027-00 (Gray)	VEN-220-00	VEN-520-00	VEN-A20-00
			VEN-027-00 (Black)			
	10-50V DC	LED w/ Flyback Diode	VEC-027-00 (Clear)	VEC-220-00	VEC-520-00	VEC-A20-00
	24V AC/DC	LED w/ MOV	VEG-027-00 (Clear)	VEG-220-00	VEG-520-00	VEG-A20-00
3 + Ground	250V AC/DC (Maximum)	None	VEJ-027-00 (Clear)	VEJ-220-00	VEJ-520-00	VEJ-A20-00
			VKN-037-00 (Gray)	VEN-230-00	VEN-530-00	VEN-A30-00
			VEN-037-00 (Black)			

**2 Ground locations available for 2+ Ground Versions.

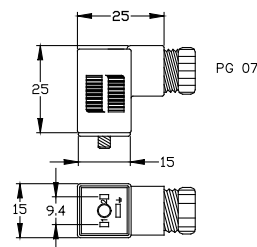
For cables with 3 + Ground, two standard orientations are available. Please refer to the part number system shown above each drawing.

The ground position is not applicable for field wireable versions.

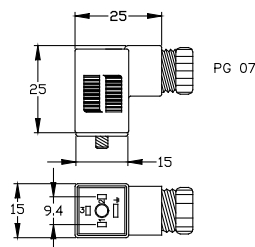
Field wireable connectors are screw termination.

Valve Pin #	Color Code	
	2 + Ground	3 + Ground
1	Brown	Brown
2	Blue	Gray
3	N/A	Black
Ground ⊕	Green/Yellow	Green/Yellow

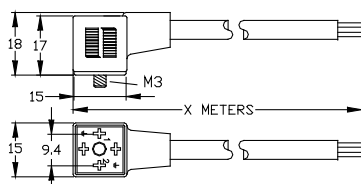
2 Poles + Ground



3 Poles + Ground

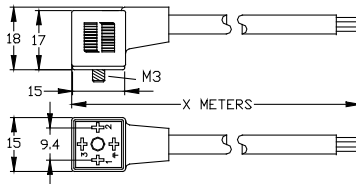


Vxx-x2x-00



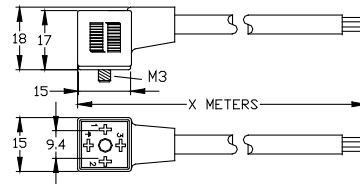
2 Poles + Ground
(Dual Ground)

Vxx-x3x-00



3 Poles + Ground
(Ground Cable Side)

Vxx-x9x-00



3 Poles + Ground
(Ground Opposite Cable Side)

Field Wireable Specifications:

Body: Polyamide
Contacts: Copper Alloy with Silver Plating
Insert: Polyamide
Gasket: Thermoplastic
Screw: Zinc Plated Steel
Cable O.D.: PG 7 - 6 to 7 mm
Temperature: Gray & Black: -40°C to 125°C (-40°F to +257°F)
Clear: -25°C to 90°C (-13°F to 194°F)

Cordset Version Specifications:

Body: Black Polyamide
Contacts: Copper Alloy with Silver Plating
Insert: Polyamide
Gasket: Thermoplastic
Screw: Zinc Plated Steel
Cable: Black PVC
2 Pole: 3x20 AWG; Cable O.D.: 0.22"
3 Pole: 4x20 AWG; Cable O.D.: 0.23"
Temperature: -25°C to 90°C (-13°F to 194°F)