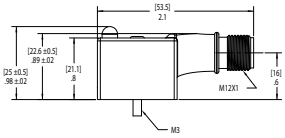
Solenoid Valve Connectors

Form A to M12 (MDC) Solenoid Valve Receptacles

Form A to M12 (MDC) Male Receptacle | EN175301-803 | IP65 Rating

# of Poles	Voltage	Circuitry	Housing Color	M12 (MDC) # of Poles	
				4 Pole	5 Pole
2 + Ground	250V AC/DC (Maximum)	None	Gray	VFN-029-3401	VFN-029-3501
			Black	VAN-029-3401	VAN-029-3501
	10-50V DC	LED w/ Flyback Diode	Clear	VAC-029-3401	VAC-029-3501
	24V AC/DC	LED w/ MOV	Clear	VAG-029-3401	VAG-029-3501
	110V AC/DC	LED w/ MOV	Clear	VAJ-029-3401	VAJ-029-3501
	120V AC/DC	Bridge Rectifier w/ LED & MOV	Clear	VAR-029-3401	VAR-029-3501

Two standard orientations are available. Please refer to the part number system shown above each drawing.



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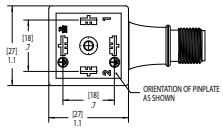
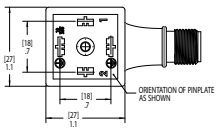
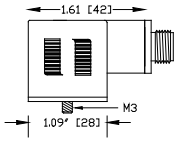


2 Poles + Ground
(Ground Receptacle Side)

Vxx-029-3501



2 Poles + Ground
(Ground Receptacle Side)



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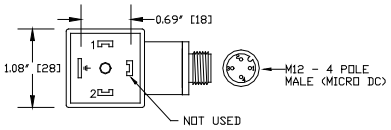
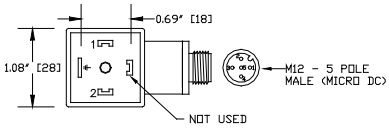


2 Poles + Ground
(Ground Opposite Receptacle Side)

Vxx-089-3501



2 Poles + Ground
(Ground Opposite Receptacle Side)

DIN Connector 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)

Valve Connectors	M12 (MDC) 4 Pole PIN #	M12 (MDC) 5 Pole PIN #
1	4	4
2	3	3
Ground	N/A	5
3 Not Used	1, 2 & 5 Not Used	1 & 2 Not Used

MDC Connector Specifications:

Coupling Nut:	Nickel Plated Brass
Insulator:	Polyamide
Contacts:	Copper Alloy with Gold Plating
O-Ring:	BUNA-N
Temperature:	-40°C to 80°C (-40°F to +176°F)