



Solenoid Valve Connectors

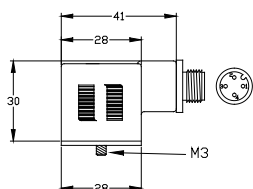
Form B to M12 (MDC) Solenoid Valve Receptacles



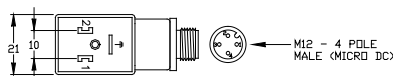
Form B to M12 (MDC) Male Receptacle | EN175301-803 | IP65 Rating

# of Poles	Voltage	Circuitry	Housing Color	M12 (MDC) # of Poles	
				4 Pole	5 Pole
2 + Ground	250V AC/DC (Maximum)	None	Gray	VGN-029-3401	VGN-029-3501
			Black	VBN-029-3401	VBN-029-3501
	10-50V DC	LED w/ Flyback Diode	Clear	VBC-029-3401	VBC-029-3501
	24V AC/DC	LED w/ MOV	Clear	VBG-029-3401	VBG-029-3501
	110V AC/DC	LED w/ MOV	Clear	VBJ-029-3401	VBJ-029-3501

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

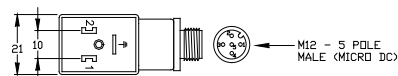


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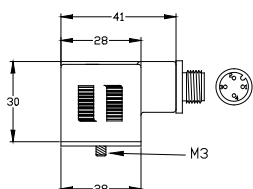


2 Poles + Ground
(Ground Receptacle Side)

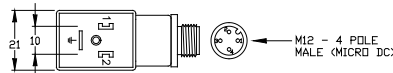
Vxx-029-3501



2 Poles + Ground
(Ground Receptacle Side)

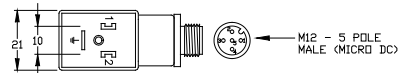


Vxx-089-3401



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
Temperature: -25°C to 90°C (-13°F to 194°F)

MDC Connector Specifications:

Body: Oil Resistant Black PVC
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)

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