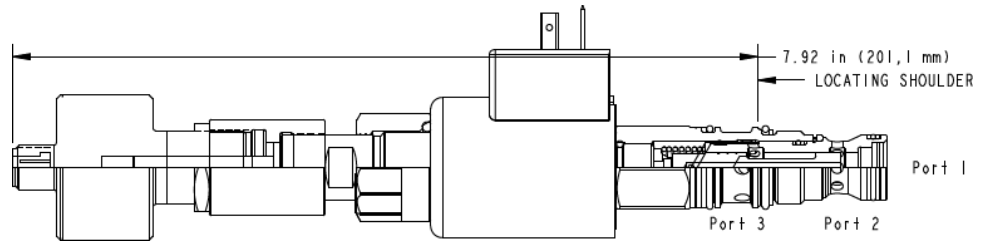


Z-Control, B-Spool



### SWITCH SPECIFICATIONS

conector	M12 X 1 (4) Pin
Supply Voltage	20-30 VDC
Operating Temperature Range	-25 to 80 °C
Vibration	≥ 50g, 0-500 impulses/sec
Shock	>50 g, 1ms
Reverse Polarity Protection	Yes
Maximum Output Load	≤ 400 mA, Duty Ratio 100%
Short Circuit Protection	Yes, Load Short Unlimited
Turn On Time	≤ 25 ms
Hysteresis	≤ .002 in.
Thermal Shift - 0 to 80 °C ≤ ±	0,1 mm
EMC	DIN EN 61000-6-1/2/3/4
Connector Environment Rating	IP65
Series	1
Capacity	45 L/min.
Maximum Operating Pressure	350 bar
Maximum Valve Leakage at 110 SUS (24 cSt)	80 cc/min.@210 bar
Response Time - Typical	50 ms
Switching Frequency	15,000 max. cycles/hr
Solenoid Tube Diameter	19 mm
Valve Hex Size	22,2 mm
Valve Installation Torque	41 - 47 Nm
Model Weight	0.97 kg.
Seal kit - Cartridge	Buna: 990-411-007
Seal kit - Cartridge	EPDM: 990-411-014
Seal kit - Cartridge	Viton: 990-411-006

### TECHNICAL DATA NOTE: DATA MAY VARY BY CONFIGURATION. SEE CONFIGURATION SECTION.

cavidad	T-11A
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# OPTION SELECTION EXAMPLE: DMDAZBN224

**SPOOL CONFIGURATION**

**(B) SEAL MATERIAL**

**(N) BOBINA**

**(224)**

<b>B</b>	Normally Open 1 to 2, Closed 2 to 3, Closed Transition
<b>R</b>	Normally Open 2 to 3, Closed 1 to 2, Closed Transition

<b>N</b>	Buna-N
<b>E</b>	EPDM
<b>V</b>	Viton

<b>224</b>	DIN 43650-Form A, 24 VDC
<b>212</b>	DIN 43650-Form A, 12 VDC
<b>912</b>	Deutsch DT04-2P, 12 VDC
<b>924</b>	Deutsch DT04-2P, 24 VDC

**PERFORMANCE CURVES**

