



**PROPORTIONAL PERFORMANCE DATA**

Hysteresis (with dither)	6%
Hysteresis with DC input	<8%
Linearity (with dither)	<2%
Repeatability (with dither)	<2%
Recommended dither frequency	140 Hz
Seal kit - Cartridge	Buna: 990-021-007
Seal kit - Cartridge	Polyurethane: 990-021-002
Seal kit - Cartridge	Viton: 990-021-006

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

cavidad	T-21A
Series	1
Capacity	20 L/min.
Maximum Operating Pressure	350 bar
Maximum Valve Leakage at 110 SUS (24 cSt)	41 cc/min.
Optimum Inlet Pressure	210 bar
Adjustment - No. of CW Turns from Min. to Max. setting	5
Solenoid Tube Diameter	19 mm
Valve Hex Size	22,2 mm
Valve Installation Torque	41 - 47 Nm
Adjustment Screw Internal Hex Size	4 mm
Locknut Hex Size	15 mm
Locknut Torque	9 - 10 Nm
Model Weight (with coil)	0,55 kg
Seal and nut kit - Coil	Viton: 990-770-006
Seal kit - Cartridge	Buna: 990-021-007
Seal kit - Cartridge	Polyurethane: 990-021-002
Seal kit - Cartridge	Viton: 990-021-006

# OPTION SELECTION EXAMPLE: PSDPMDN

CONTROL	(M)	OPERATING RANGE	(D)	SEAL MATERIAL	(N)	BOBINA	(212)
<b>M</b> Manual Override (Standard)		<b>D</b> 50 - 485 psi (3,5 - 33,5 bar)		<b>N</b> Buna-N		No Coil	
		<b>B</b> 100 - 1125 psi (7 - 77,5 bar)		<b>V</b> Viton		<b>224NX01</b> DIN 43650-Form A, 24 VDC, no transient voltage suppression (TVS) diodes, with XMD-01 driver	
		<b>E</b> 25 - 250 psi (1,7 - 18 bar)				<b>224NX02</b> DIN 43650-Form A, 24 VDC, no transient voltage suppression (TVS) diodes, with XMD-02 driver	
						<b>912NX01</b> Deutsch DT04-2P, 12 VDC, no transient voltage suppression (TVS) diodes, with XMD-01 driver	
						<b>912NX02</b> Deutsch DT04-2P, 12 VDC, no transient voltage suppression (TVS) diodes, with XMD-02 driver	
						<b>924NX01</b> Deutsch DT04-2P, 24 VDC, no transient voltage suppression (TVS) diodes, with XMD-01 driver	
						<b>924NX02</b> Deutsch DT04-2P, 24 VDC, no transient voltage suppression (TVS) diodes, with XMD-02 driver	

## PERFORMANCE CURVES

