



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

cavidad	T-13A
Hysteresis (with dither)	<4%
Hysteresis with DC input	<8%
Linearity (with dither)	<2%
Repeatability (with dither)	<2%
Recommended dither frequency	140 Hz
Deadband, nominal (as a percentage of input)	25%
Series	1
Capacity	40 L/min.
Manual Override Force Requirement	33 N/100 bar @ Port 1
Manual Override Stroke	2,5 mm
Maximum Valve Leakage at 110 SUS (24 cSt)	100 cc/min.@210 bar
Solenoid Tube Diameter	19 mm
Valve Hex Size	22,2 mm
Valve Installation Torque	41 - 47 Nm
Model Weight (with coil)	0,50 kg
Seal and nut kit - Coil	Viton: 990-770-006
Seal kit - Cartridge	Buna: 990-413-007
Seal kit - Cartridge	EPDM: 990-010-014
Seal kit - Cartridge	Polyurethane: 990-413-002
Seal kit - Cartridge	Viton: 990-413-006

# OPTION SELECTION EXAMPLE: FPCCXCN

CONTROL	(X)	FLOW RATE	(C)	SEAL MATERIAL	(N)	BOBINA	
<b>X</b>	No Manual Override	<b>C</b>	.25 - 7 gpm (1 - 28 L/min.)	<b>N</b>	Buna-N	No coil	
<b>D</b>	Twist/Lock (Dual) Manual Override	<b>A</b>	.1 - 1.5 gpm (0,4 - 6 L/min.)	<b>E</b>	EPDM	<b>224NX01</b>	DIN 43650-Form A, 24 VDC, no transient voltage suppression (TVS) diodes, with XMD-01 driver
<b>E</b>	Twist (Extended) Manual Override	<b>B</b>	.15 - 3.5 gpm (0,6 - 14 L/min.)	<b>V</b>	Viton	<b>224NX02</b>	DIN 43650-Form A, 24 VDC, no transient voltage suppression (TVS) diodes, with XMD-02 driver
<b>L</b>	Twist/Lock (Detent) Manual Override	<b>D</b>	.25 - 10 gpm (1 - 40 L/min.)			<b>912NX01</b>	Deutsch DT04-2P, 12 VDC, no transient voltage suppression (TVS) diodes, with XMD-01 driver
<b>M</b>	activador manual					<b>912NX02</b>	Deutsch DT04-2P, 12 VDC, no transient voltage suppression (TVS) diodes, with XMD-02 driver
<b>T</b>	Twist (Momentary) Manual Override					<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

