



### 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	35 %
Thermal Shift - 0 to 80 °C ≤ ±	0,1 mm
EMC	DIN EN 61000-6-1/2/3/4
Connector Environment Rating	IP65
Series	3
Capacity	200 L/min.
Maximum Operating Pressure	350 bar
Pilot Pressure Required to Shift Valve	3,5 - 8 bar
Pilot Pressure Required for Full Shift at Rated Flow	20 - 23 bar
Maximum Valve Leakage at 110 SUS (24 cSt)	160 cc/min.@70 bar
Pilot Volume Displacement	1,6 cc
Valve Hex Size	31,8 mm
Valve Installation Torque	203 - 217 Nm
Model Weight	1.69 kg.
Seal kit - Cartridge	Buna: 990-053-007
Seal kit - Cartridge	Viton: 990-053-006

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

cavidad	T-53AD
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# OPTION SELECTION EXAMPLE: FTFZCN

SPOOL CONFIGURATION

(C) SEAL MATERIAL

(N)

C normalmente cerrado

N Buna-N

V Viton

## PERFORMANCE CURVES

