



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	4
Capacity	320 L/min.
Maximum Operating Pressure	350 bar
Area Ratio, A3 to A1	1.8:1
Area Ratio, A3 to A2	2.25:1
Maximum Valve Leakage at 110 SUS (24 cSt)	0,07 cc/min.
Pilot Passage into Valve	2,3 mm
Pilot Volume Displacement	4,9 cc
Transition leakage at 110 SUS (24 cSt)	30 cc/min.@70 bar
Valve Hex Size	41,3 mm
Valve Installation Torque	474 - 508 Nm
Model Weight	1,40 kg
Seal kit - Cartridge	Buna: 990-019-007
Seal kit - Cartridge	Polyurethane: 990-019-002
Seal kit - Cartridge	Viton: 990-019-006

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

cavidad	T-19A
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OPTION SELECTION EXAMPLE: LKJCZN

SEAL MATERIAL

(N)

N Buna-N

V Viton

PERFORMANCE CURVES

