



VAC Digital Positioner



Microprocessor based valve positioner.
 Menu driven LCD display-multilingual + LEDs.
 Push buttons for easy, local configuration.
 Time saving auto start up-two steps and ready
 for operation.
 Spool valve design-simple, rugged and allows
 one unit for both single or double acting.
 NEMA 4X IP 65 Enclosure
 Linear or Rotary mounting

Communications include:
 Hart Protocol, with only 420 ohms load
 Foundation Fieldbus H1 and Profibus PA
 according to IEC 1158-2 based on Fisco



Add logos for Fieldbus-Hart-
 Profibus-4-20 mA IA and PDT

Ordering Codes

D300 Digital	Connections	Spindle	Indicator	Communications	Feedback	Add'l Options
	N-NPT	D1 Namur	A-Arrow	No-none	S-2 switches	SD-sensors/ diagnostics
	G-Metric	DX Linear	F-Flag	H-Hart	4/20-transmitter	
				FF-Foundation Fieldbus		
				PA-Profibus		

Example: D300-N-D1-F-H

Technical Specifications

Rotation	Up to 95 degrees	Stroke	0.3 to 10.2" (8 to 260 mm)
Air supply	Up to 105 PSIG (7 bar)	Air delivery	Up to ___ SCFM(___ nl)
Air Connections	1/4" NPT or G	Cable Entry	2 M20x1.5 (1/2" Adapter)

Air Delivery@ 90 PSI(6 bar)=9.5 scfm (268 nl/min)
Air Consumption@90 PSI(6 bar)=0.18 scfm (5 nl/min)

Sensitivity	<0.1% of travel span	Non-linearity	<0.4% of travel span
Hysteresis	<0.3% of travel span	Supply air dependence	<0.1% 15 psi (1 bar)
Temperature effect	<0.3%/10K		

Temperature range Operation -40 to 176 deg F(-40 to 80 C)
LCD -13 to 158 deg F(-25 to -70 C)

Note: Below -13 LCD reacts slowly, above 158 LCD background becomes dark.

EMC En 61326, IEC 61326, En 61000-6-2

Housing Cast aluminum no 230, with DD Varnish finish.

Weight Approx. 4 Lbs (1.8 kg)

Dimensional

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