

4

3

2

1

NOTES:

SPECIFICATIONS

CONTROL PRESSURE
MAXIMUM - 125PSI (8.8 BAR)
MINIMUM - VACUUM

VALVE SHIFT PRESSURE
MAXIMUM - 125PSI (8.8 BAR)
MINIMUM - 35PSI (2.5 BAR)

SENSOR PRESSURE
MAXIMUM - 5PSI (0.344 BAR)
MINIMUM - 4 IN H2O

FLOW
7.8 @ 60PSI (4.2 BAR)
CV 0.11

CONNECTION
10-32 PORTS

TEMPERATURE
+35°F (2°C) TO 125°F (50°C)

MEDIUM
COMPRESSED AIR

LUBRICATION
NONE REQUIRED

FILTRATION
25 MICRONS

CFA2 - C32S10B

11

8

2

4

5

9

10

7

6

3

11

ITM	QTY	PART NUMBER	DESCRIPTION
1	1	CFA2	Actuator, Fluidic, Buna-N
2	1	C32S10B	Valve, 3/2 way, Single Pilot, Spring Return, Buna-N
3	1	M117A002	Bracket, Mounting, SS
4	1	M117B002	Bracket, Mounting, SS
5	2	F003H001	Screw, Self Tapping, #5-20 x 1/4"
6	4	F003W004	Screw, High-Low, #5-20 x 3/8"
7	1	CCK510	Orifice, 10-32 Male-Female, 0.010
8	1	S113E002	Plug, 1/4" Hex, 10-32, Nickel Plated Brass
9	3	PB5852	Fitting, Push to Fit, 5/32" OD x 10-32
10	4	PB5910	Fitting, Elbow, Push to Fit, 5/32 OD x 10-32
11	1 ft	F009G156C	Tubing, 5/32" OD, 95 DUR, Clear

REV

EC

DATE

CK

SIGN

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INCHES

TOLERANCES IN INCHES

LINEAR
±.XX 0.01
±.XXX 0.005

ANGULAR ±° 1°

CORNERS
EDGES
BROKEN
OUTSIDE .03 MAX
INSIDE .03 MAX

MATERIAL

FINISH

DRAWN BY
GH
DATE
3/25/14

ENGINEER
B. Miner
DATE
3/25/14

PNEUCON

Valley Springs, Ca.

TITLE

Fluidic Actuator
with
3/2 way, SP, SR

SIZE
B

SCALE
1:1

SHEET
2 OF 2

PART NUMBER
CFA2 - C32S10B

REV
0

Pneucn Main System\Engineering\ACAD\BP\Acc\CFA

CFA2 with C32S10B pg 2 of 2.dwg