

SYMBOL

NOTES:

- 1) FOR CAVITY DIMENSIONS, SEE T-5A DIMENSIONS, TOOLING, AND PORTING DRAWING.
- 2) SEAL KIT:
BUNA-N: 990-203-007
VITON: 990-203-006
- 3) AFTER TEST, A THICK BEAD OF F-900 TORQUE SEAL IS TO BE APPLIED AS SHOWN. SEE S-353 & ASSEMBLY FOR INSTRUCTIONS.
- 4) OPTIONAL PROTECTIVE HOUSING FOR POSITION SWITCH: SEE 991-043.

SWITCH SPECIFICATIONS:

SUPPLY VOLTAGE: 20-32 V.D.C.
 REVERSE POL. PROTECTION? YES
 OUTPUTS: 2 WITH ALTERNATING FUNCTION, PNP
 MAX. OUTPUT LOAD: <=400 mA, DUTY RATIO 100%
 SHORT CIRCUIT PROTECTION: YES, LOAD SHORT UNLIMITED
 TURN ON TIME: <=25 ms
 HYSTERESIS: <=.002 in. (0,05 mm)
 ELECTRICAL CONNECTOR:
 PIN 1: +SUPPLY
 PIN 2: NORMAL CLOSED
 PIN 3: 0 V
 PIN 4: NORMAL OPEN

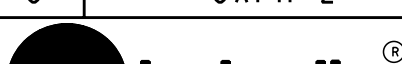
OPERATING TEMPERATURE: -13° TO 176°F (-25° TO 80°C)
 THERMAL SHIFT 32° TO 176°F: <=± .004 in (0,1mm)
 (0° TO 80°C)

EMC: DIN EN 61000-6-1/2/3/4
 MAX. PRESSURE: <=5800 PSI (400 BAR) DYN.
 PROTECTION CLASS: =IP65 DIN 40050
 VIBRATION 0-500 Hz: >=1.8 oz (50g), 0-500 1/s
 SHOCK: >1.8 oz (50g), 1ms

MODEL NO.	CRACKING PRESSURE
ZAN	4 PSI
ZCN	30 PSI

POSITION SWITCH SCHEMATIC

PRESSURE VS FLOW

							TITLE CHECK VALVE CARTRIDGE WITH POSITION SENSOR			REV. C	PART NO. CXFH Z**
C	CHG. TO POSITION SENSOR SPECS PER ECR-10160	20DEC10	DAS	JC	ECR 10160	DIMENSION TOL .XX = ± .015 .XXX = ± .005 MACHINING STANDARD S-180 ANGLE TOL ± 1° FINISH 80 ✓ REMOVE ALL BURRS .005 MAX. BREAK	SCALE 1:1	REF.		MATERIAL	
B	REMOVED HEX FROM POS SENSOR ADAPTER	20MAY09	DAS	AxB			DRAWN DAS	CHECK JC	RELEASE	HEAT TREAT & FINISH	
A	RELEASED	02DEC08	DAS								
01	CXFH Z** WAS CXFA Z**	29OCT08	DAS				DATE 16OCT08	DATE 01DEC08	DATE		
	REVISION	DATE	DRN	CHK	REL						
 1500 WEST UNIVERSITY PKWY SARASOTA, FLORIDA 34243, USA TELEPHONE (941) 362-1200											