

SPECIFICATIONS:

(SPECIFICATIONS AT 25°C (77°F) AND NOMINAL VOLTAGE UNLESS OTHERWISE NOTED.)

MECHANICAL:

WETTED MATERIALS: PROCESS CONNECTION - 316 st/st
 WEIGHT: 1.40 LBS. (0.63 kg)
 ENCLOSURE: TYPE 380 ALUMINUM; EPOXY POWDER COATED;
 SHALL NOT CONTAIN, BY MASS MORE THAN 6% OF MAGNESIUM.

ELECTRICAL:

ELECTRICAL CONNECTION:
 3 POSITION TERMINAL BLOCK
 SWITCH SPECS.:

- OFF (OPEN): 12 TO 30 VDC @ 0.75mA MAX.
- ON (CLOSED): 4.7 VDC @ 40mA MAX.

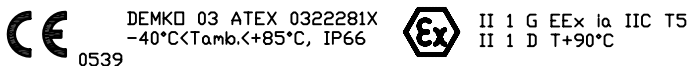
SWITCH PROTECTION:
 SHORT CIRCUIT
 REVERSE POLARITY
 OVER-VOLTAGE 50 VDC

OPERATING:

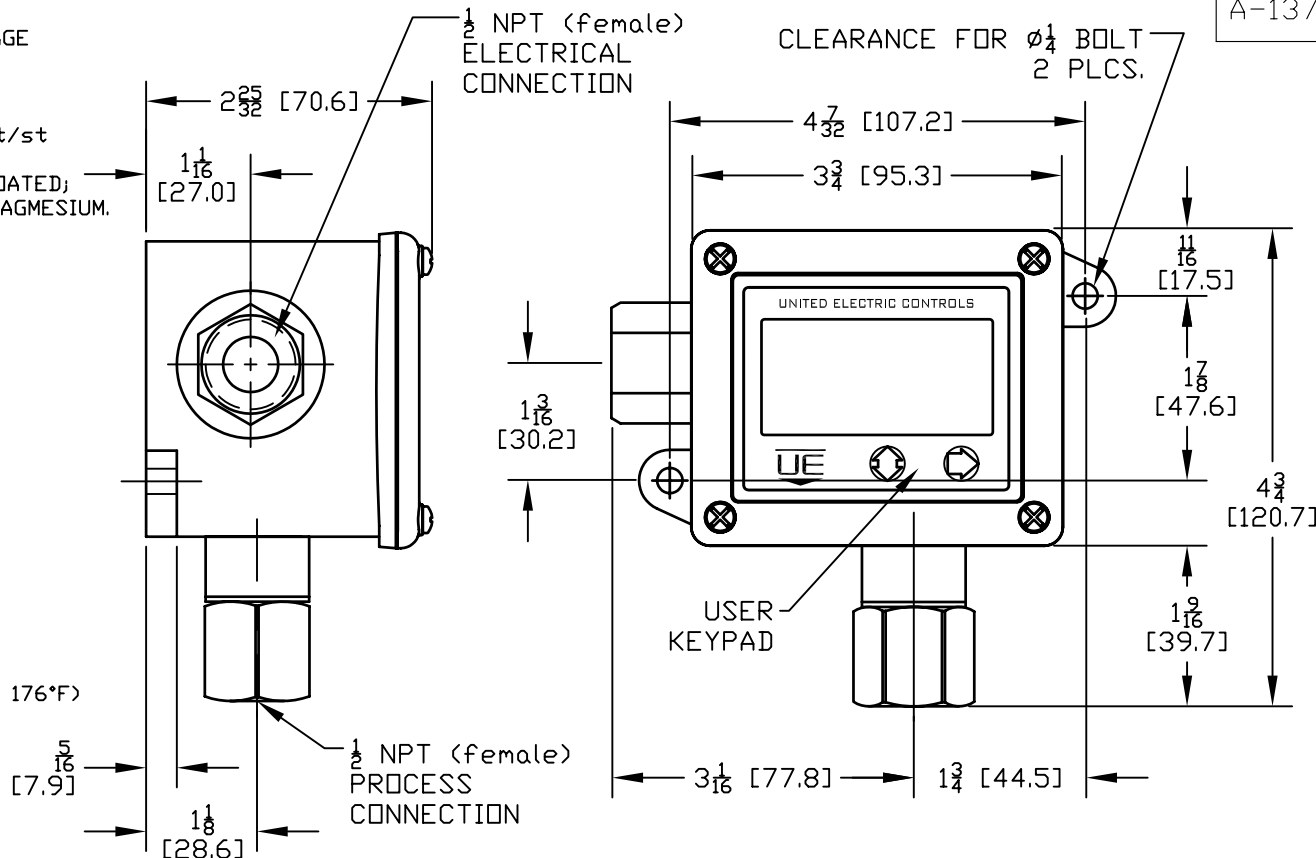
OVERALL ACCURACY:
 ±1% OF MAX. OPERATING RANGE VALUE
 SET POINT REPEATABILITY:
 ±0.2% OF MAX. OPERATING RANGE VALUE
 LONG TERM STABILITY:
 ±0.25 OF RANGE PER YEAR, MAX.
 AMBIENT TEMPERATURE:
 OPERATING: -40°C TO 85°C (-40°F TO 185°F)
 LCD VISIBILITY TEMP: -12°C TO 80°C (10°F TO 176°F)
 STORAGE: -40°C TO 85°C (-40°F TO 185°F)
 MEDIA TEMPERATURE:
 -40°C TO 125°C (-40°F TO 257°F)

APPROVALS:

INTRINSICALLY SAFE:
 UL LISTED, cUL CERTIFIED
 CLASS I, DIVISION 1 & 2, GROUPS A, B, C, & D;
 CLASS II, DIVISION 1 & 2, GROUPS E, F, & G;
 CLASS III;
 CLASS I, ZONE 0 AEx Ia IIC T5;
 CLASS I, ZONE 0 Ex Ia IIC T5;
 Tamb.=-40°C TO +85°C (-40°F TO +185°F)
 ENCLOSURE TYPE 4X



NONINCENDIVE APPLICATIONS:
 UL LISTED, cUL CERTIFIED
 CLASS I, DIVISION 2, GROUPS A, B, C, & D;
 CLASS II, DIVISION 2, GROUPS F & G;
 CLASS III;
 CLASS I, ZONE 2 AEx nC IIC T5;
 CLASS I, ZONE 2 Ex nC IIC T5;
 Tamb.=-40°C TO +85°C (-40°F TO +185°F)
 ENCLOSURE TYPE 4X



MODEL Pxx	OPERATING RANGE		MAX. OVER PRESSURE		BURST PRESSURE		
	LOW	HIGH	psi	bar	psi	bar	
P10	0	5	0,3	10	0,7	20	1,4
P11	0	15	1,0	30	2,1	60	4,1
P12	0	30	2,1	60	4,1	120	8,3
P13	0	50	3,4	100	6,9	200	13,8
P14	0	100	6,9	200	13,8	400	27,6
P15	0	300	20,7	600	41,4	1200	82,7
P16	0	500	34,5	1000	68,9	2000	137,9
P17	0	1000	68,9	2000	137,9	4000	275,8
P18	0	3000	206,8	6000	413,7	12000	827,4
P19	0	4500	310,3	9000	620,6	18000	1241,1

**AGENCY CRITICAL COMPONENT,
 NO SUBSTITUTIONS ALLOWED
 WITHOUT UEC ENGINEERING APPROVAL.**

TERMINAL BLOCK	
FUNCTION	POSITION
SWITCH NEGATIVE	-
EARTH/CHASSIS GROUND	⏏
SWITCH POSITIVE	+

ORIGINAL DATE 11/28/01	TITLE ONE SERIES 2W2D00Pxx PRESSURE SINGLE SWITCH	DF001D
DRWN PLW		
CHKD A.B.		
APPD D.W.		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		
DO NOT SCALE THIS DRAWING		SCALE .5:1
		UNITED ELECTRIC CONTROLS COMPANY WATERTOWN * MASSACHUSETTS
		DWG NO A-13778

G	REVISION	DATE	DWN	APPD
G	REDRAWN; REVISED TITLE BLOCK INFO. ECN#E2723	6/2/08	SR	LK
SYM	DESCRIPTION	DATE	DWN	APPD

REVISIONS