

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

ELECTRICAL:

ELECTRICAL CONNECTION:
 3 POSITION TERMINAL BLOCK

SWITCH SPECS.:

OFF (OPEN): 90 TO 130 VOLTS AC/DC @ 1mA MAX.
 ON (CLOSED): 12 VOLTS AC/DC @ 100mA MAX.

SWITCH PROTECTION:

SHORT CIRCUIT
 OVER-VOLTAGE: 150V

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:

NONINCENDIVE APPLICATIONS:

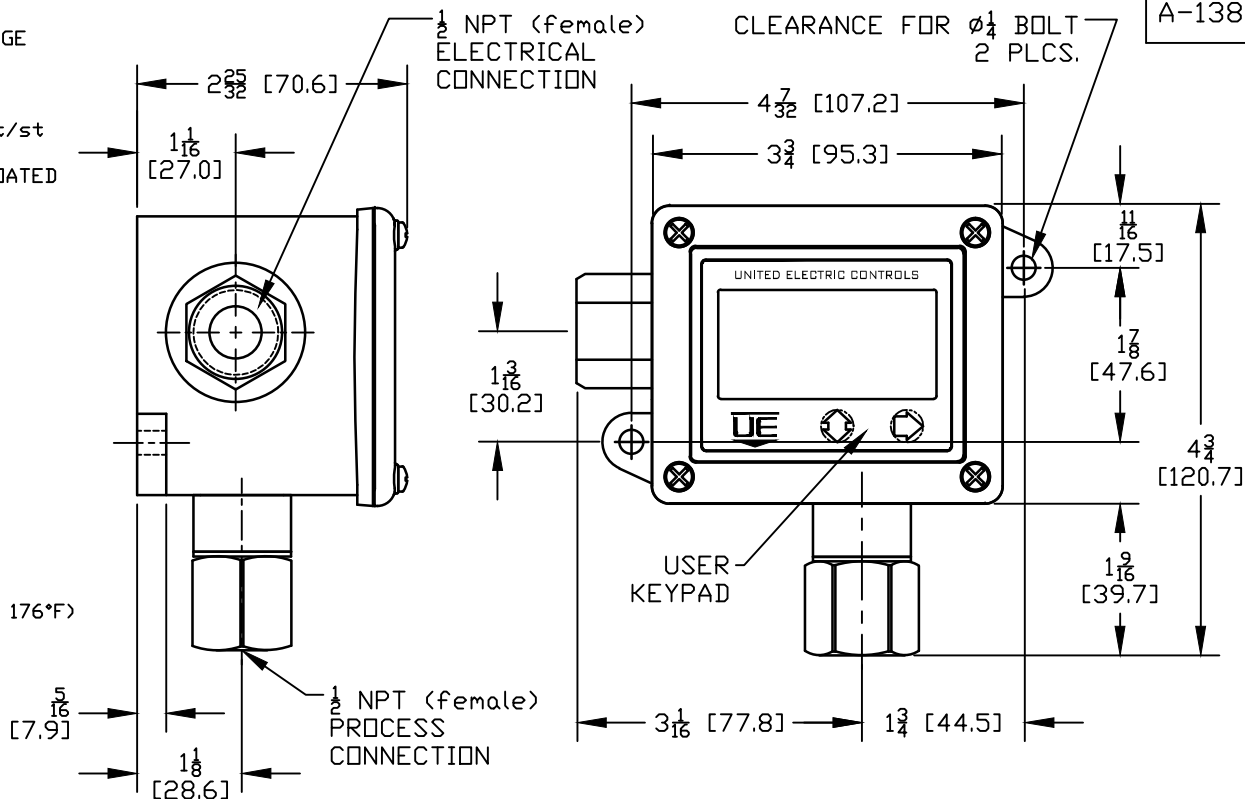
UL LISTED, cUL CERTIFIED
 CLASS I, DIVISION 2, GROUPS A, B, C & D;
 CLASS II, DIVISION 2, GROUPS F & G;
 CLASS III;
 CLASS I, ZONE 2 AEx nC IIC T5;
 CLASS I, ZONE 2 Ex nC IIC T5;
 Tamb.=-40°C TO +85°C (-40°F TO 185°F)
 ENCLOSURE TYPE 4X



DEMKO 03 ATEX 135585X
 -40°C<Tamb.<+85°C, IP66



II 3 G EEx nL IIC T5
 II 3 D T+90°C



A-13801

MODEL Pxx	OPERATING RANGE				MAX. OVER PRESSURE		BURST PRESSURE	
	LOW psi	bar	HIGH psi	bar	psi	bar	psi	bar
P06	-14.7	-1	30	2,1	60	4,1	120	8,3
P08	-14.7	-1	100	6,9	200	13,8	400	27,6
P10	0	0	5	0,3	10	0,7	20	1,4
P11	0	0	15	1,0	30	2,1	60	4,1
P12	0	0	30	2,1	60	4,1	120	8,3
P13	0	0	50	3,4	100	6,9	200	13,8
P14	0	0	100	6,9	200	13,8	400	27,6
P15	0	0	300	20,7	600	41,4	1200	82,7
P16	0	0	500	34,5	1000	68,9	2000	137,9
P17	0	0	1000	68,9	2000	137,9	4000	275,8
P18	0	0	3000	206,8	6000	413,7	12000	827,4
P19	0	0	4500	310,3	9000	620,6	18000	1241,1

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

TERMINAL BLOCK
FUNCTION
SWITCH OUTPUT
EARTH/CHASSIS GROUND
SWITCH OUTPUT

SYM	DESCRIPTION	DATE	DWN	APPD
G	ADDED MODELS P06 & P08. ECN#E4890	8-21-13	SR	SJM
F	REDRAWN; REVISED TITLE BLOCK INFO. ECN# E2723	6-2-08	SR	LK
REVISIONS				

ORIGINAL DATE	1/29/03
DRWN	PLW
CHKD	A.B.
APPD	D.W.

UNLESS OTHERWISE SPECIFIED
 DIMENSIONS ARE IN INCHES

DO NOT SCALE THIS DRAWING

TITLE
 ONE SERIES
 2W3A00Pxx
 PRESSURE
 SINGLE SWITCH

SCALE 1:2



UNITED ELECTRIC
 CONTROLS COMPANY
 WATERTOWN * MASSACHUSETTS

DWG NO
 A-13801

DF001D