

SPECIFICATIONS:

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

MECHANICAL:

WETTED MATERIALS: 316 STAINLESS STEEL
ENCLOSURE: TYPE 360 ALUMINUM; EPOXY POWDER COATED

ELECTRICAL:

ELECTRICAL CONNECTIONS:

POWER SUPPLY: 3 POSITION TERMINAL BLOCK, 22-14 AWG WIRE
POWER INPUT: 4-20mA LOOP POWERED (20-40 Vdc)
(REFERENCE I&M FOR ALLOWABLE POWER SUPPLY AND LOAD LIMITS)

SAFETY RELAY OUTPUT:
IAW: 2 POSITION TERMINAL BLOCK, 16-26 AWG WIRE, 30Vdc @ 20mA (MAX)
SWITCH STATUS: 2 POSITION TERMINAL BLOCK, 16-26 AWG WIRE, 30Vdc @ 20mA (MAX)

SWITCH SPECS:
4 POSITION TERMINAL BLOCK, 14-20 AWG WIRE
250VAC @ 5A

APPROVALS:

cULus Listed
CLASS I, DIVISION 1, GROUPS A, B, C & D;
CLASS II, DIVISION 1, GROUPS E, F & G; CLASS III
CLASS I, ZONE 1, AEx d IIC T3/T5*; CLASS 1, ZONE 1, Ex d IIC T3/T5*
Tamb = -40°C TO +70°C (-40°F TO 158°F)
ENCLOSURE TYPE 4X; IP66

ATEX Approved
II 2 G Ex d IIC T3/T5*
II 2 D Ex ID A21 IP66 T+90C
DEMKO 09 ATEX 0813748X
Tamb = -40°C TO +70°C (-40°F TO 158°F)

IECEx Approved
IECEx UL 08.0017
Ex d IIC T3/T5*
Ex ID A21 IP66 T+90C
Tamb. = -40°C TO +70°C (-40°F TO 158°F)

* MODELS P10-P16 HAVE A TEMPERATURE CLASS OF T3.
ALL OTHER MODELS HAVE A T5 TEMPERATURE CLASS.

MODEL PXX	OPERATING RANGE				MAX. OVER PRESSURE	
	LOW		HIGH		psi	bar
	psi	bar	psi	bar		
P06	-14.7	-1	30	2.1	60	4.1
P08	-14.7	-1	100	6.9	200	13.8
P10	0	0	5	0.3	10	0.7
P11	0	0	15	1.0	30	2.1
P12	0	0	30	2.1	60	4.1
P13	0	0	50	3.4	100	6.9
P14	0	0	100	6.9	200	13.8
P15	0	0	300	20.7	600	41.4
P16	0	0	500	34.5	1000	68.9
P17	0	0	1000	68.9	2000	137.9
P18	0	0	3000	206.8	6000	413.7
P19	0	0	4500	310.3	9000	620.6
P20	0	0	6000	413.6	12000	827.4

ORIGINAL DATE	11-22-13
DRWN	A. KARLGREN
CHKD	S.R.
APPD	AJC

TITLE
2SLP GAGE PRESSURE SAFETY XMITTER
SCALE 1:1

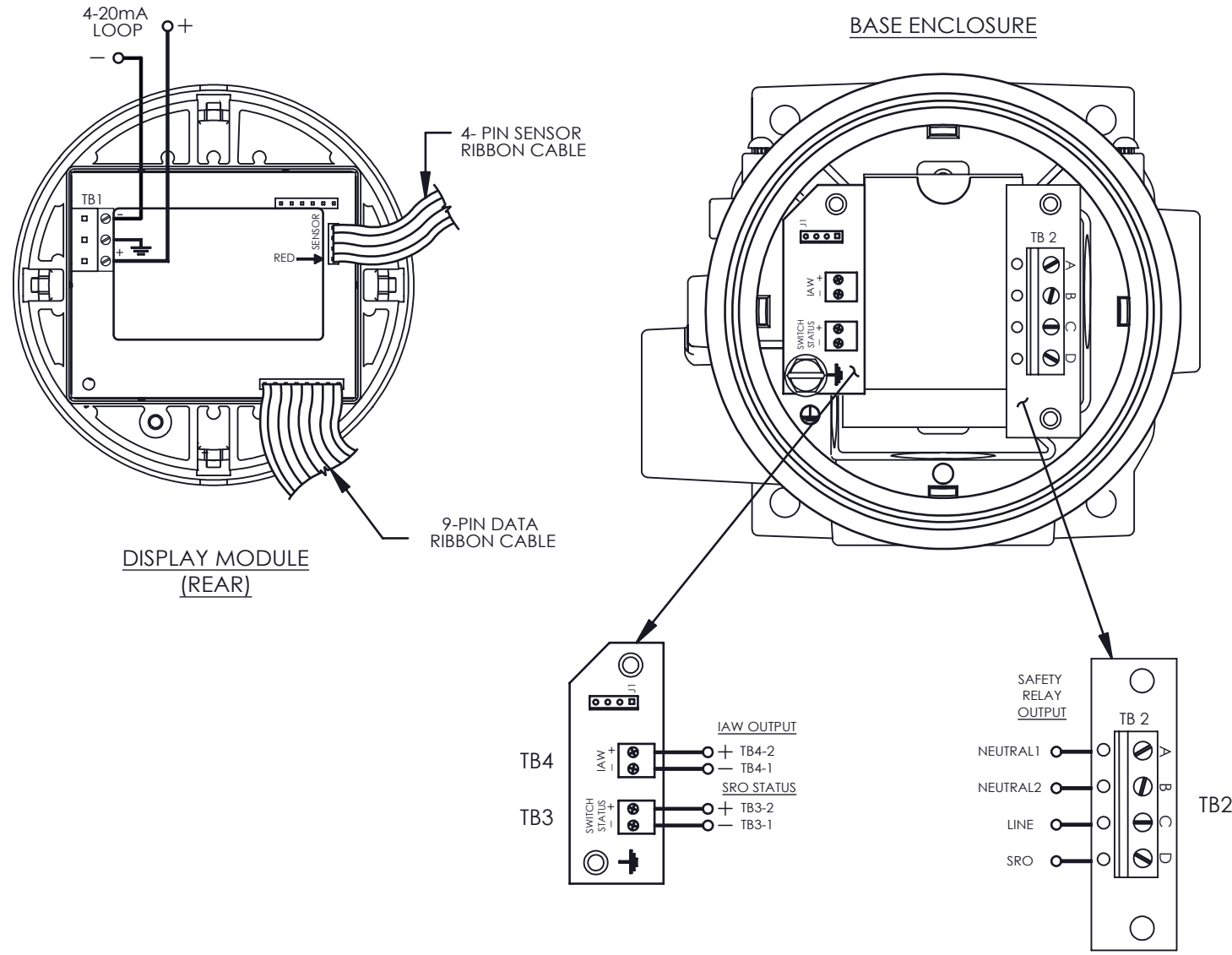
UE
UNITED ELECTRIC CONTROLS COMPANY
WATERTOWN * MASSACHUSETTS
DWG NO Page 1 of 2
A-14005

REV.	ECN#	DESCRIPTION	DATE	DRWN	APPD
C	E5527	DRILLED HOLES IN CASTING NOW CORED	6-15-15	RJG	RAM
B	E5017	REPLACED "SWITCH" WITH "SAFETY XMITTER" IN TITLE.	1-16-14	SR	ASK
A	E4967	INITIAL RELEASE	11-22-13	ASK	AJC

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UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TOLERANCES ON FRACTIONS ±1/64
2 PLACE DEC ±0.010 3 PLACE DEC ±0.005 ANGLES ±1/2"
DO NOT SCALE THIS DRAWING

2SLP WIRING DIAGRAM



ORIGINAL DATE	11-22-13
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CHKD	S.R.
APPD	AJC
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DO NOT SCALE THIS DRAWING	

TITLE	2SLP GAGE PRESSURE SAFETY XMITTER
SCALE	1:1

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 UNITED ELECTRIC CONTROLS COMPANY
 WATERTOWN * MASSACHUSETTS

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REV.	ECN#	DESCRIPTION	DATE	DRWN	APPD
C	E5527	SEE PG. 1 OF 2	6-15-15	RJG	RAM
B	E5017	SEE PG. 1 OF 2.	1-16-14	SR	ASK
A	E4967	INITIAL RELEASE	11-22-13	ASK	AJC

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