

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

MECHANICAL:
 WETTED MATERIALS: 316 st/st BULB
 304 st/st CABLE
 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 28 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 +80°C (-40°F TO +176°F)
 LCD VISIBILITY TEMP: -12°C TO 80°C (+10°F TO +176°F)
 STORAGE: -40°C TO +80°C (-40°F TO +176°F)
 MEDIA TEMPERATURE:
 -184°C TO +538°C (-300°F TO +1000°F)
 REFER TO NAMEPLATE FOR OPERATING TEMPERATURE RANGE.

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 T4;
 CLASS I, ZONE 0 Ex ia IIC T4;
 Tamb.=-40°C TO +80°C (-40°F TO +176°F)
 ENCLOSURE TYPE 4X

CE 0539 DEMKO 14 ATEX 1107977X
 DEMKO 14 ATEX 1300X
 IECEX UL 14.0013X
 -40°C<Tamb.<+80°C, IP66

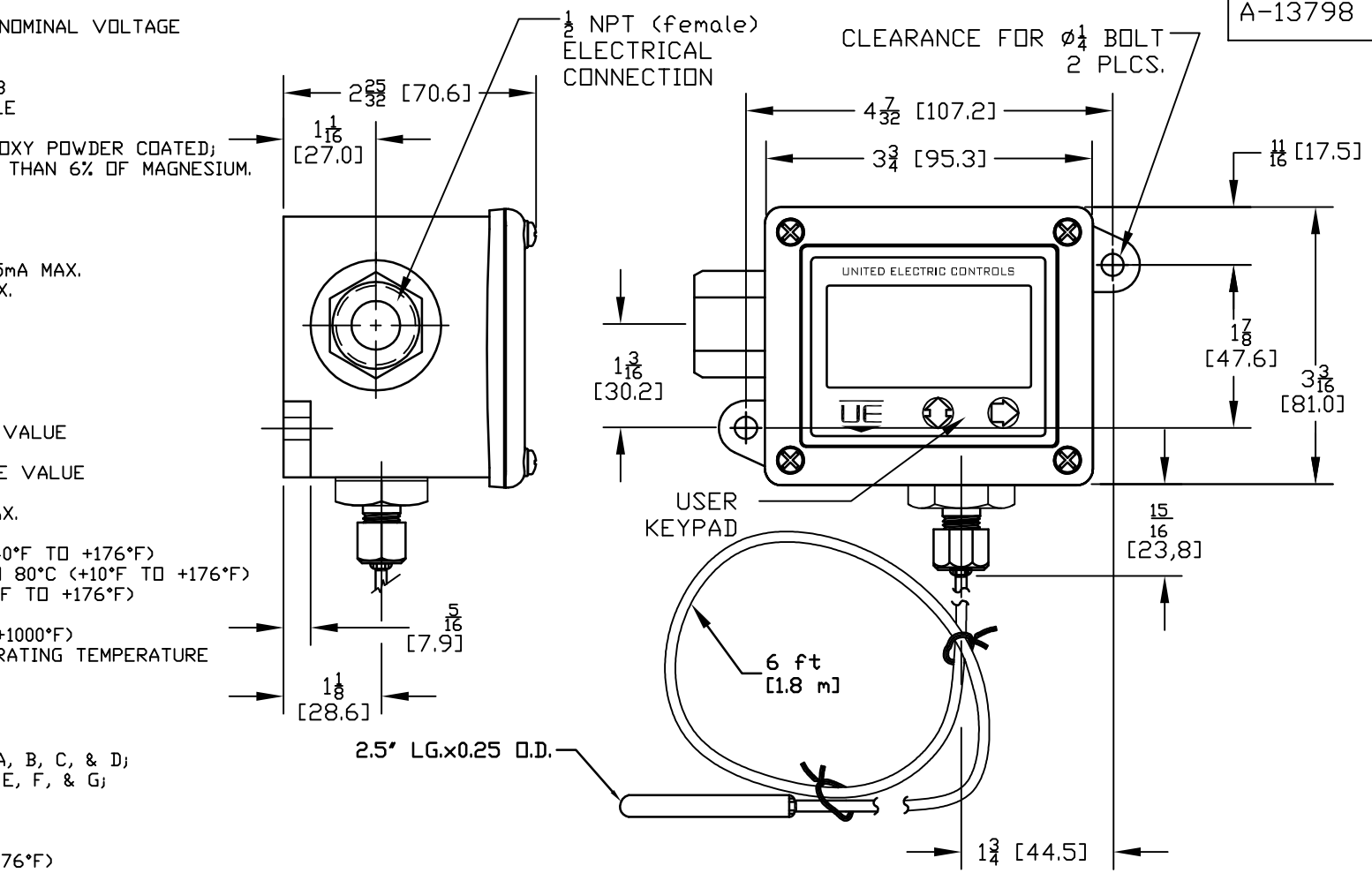
Ex II 1 G Ex ia IIC T4
 II 1 D Ex ia IIIC T135°C
 Ex ia IIC T4
 Ex ia IIIC T135°C

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 ic IIC T4;
 CLASS I, ZONE 2 Ex ic IIC T4;
 Tamb.=-40°C TO +80°C (-40°F TO +176°F)
 ENCLOSURE TYPE 4X

CE 0539 DEMKO 14 ATEX 1107977X
 DEMKO 14 ATEX 1300X
 IECEX UL 14.0013X
 -40°C<Tamb.<+80°C, IP66

Ex II 3 G Ex ic IIC T4
 Ex ic IIC T4

WARNING: AGENCY CRITICAL DOCUMENT.
 NO REVISIONS WITHOUT CERTIFICATION
 ENGINEER APPROVAL.



MODEL Txx	LENGTH	OPER. RANGE
TH1	6'	-50 TO 1000°F
THC	0-30'	
TC1	6'	-300 TO 200°F
TCC	0-30'	

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

SYM	DESCRIPTION	DATE	DWN	APPD
G	AGENCY UPDATE TO CERT. ECN#E5068	3-14-14	NAB	EM
F	REDRAWN; REVISED TITLE BLOCK INFO. ADDED OPER. RANGE CHART.ECN#E2723	6-24-08	SR	LK
REVISIONS				

ORIGINAL DATE 1/2/03
 DRWN PLW
 CHKD AB
 APPD DW
 UNLESS OTHERWISE SPECIFIED
 DIMENSIONS ARE IN INCHES
 DO NOT SCALE THIS DRAWING

TITLE
 ONE SERIES
 2W2D00Txx
 REMOTE
 HIGH TEMPERATURE
 SINGLE SWITCH
 SCALE .5:1

DF001D

 UNITED ELECTRIC
 CONTROLS COMPANY
 WATERTOWN * MASSACHUSETTS
 DWG NO
 A-13798