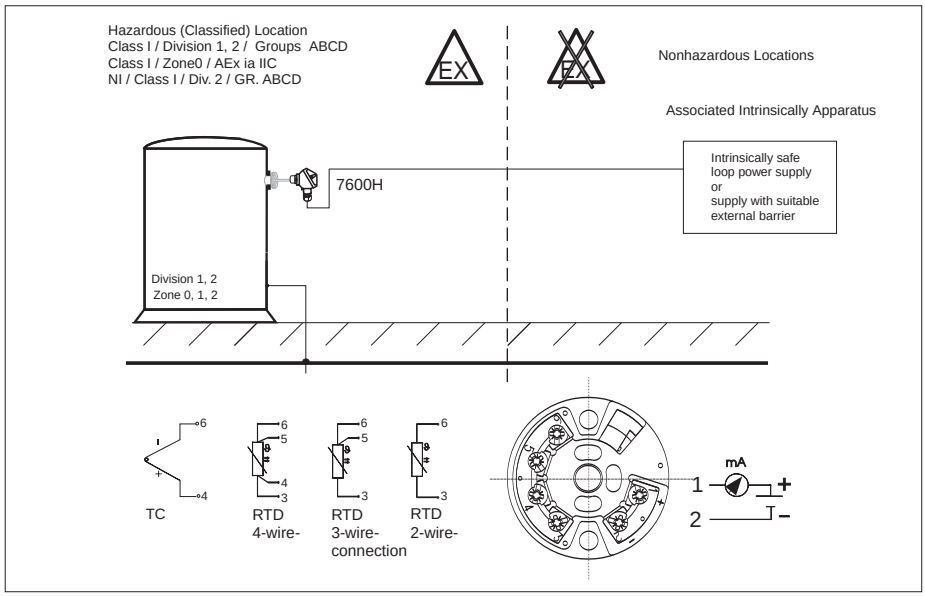
REV	ECO	REVISION DESCRIPTION	BY	APPROVED	DATE



Installation Notes 7600H

FM APPROVED

1) FMRC certified apparatus must be installed in accordance with manufacturer's instructions.
2) FMRC certified associated apparatus must meet the following requirements:
   Uo or Voc ≤ Ui or Vmax Io or Isc ≤ Ii or Imax Po or Pmax ≤ Pi or Pmax
   Ca ≥ Ci + Ccable La ≥ Li + Lcable
3) The installation must be in accordance with the National Electrical Code NEC ANSI / NFPA 70, Article 504 and ANSI / ISA-RP 12.6
4) Use supply wires suitable for 5°C above surrounding.
5) The configuration of the headtransmitter 7600H is only permitted in nonhazardous locations.
6) The voltage of the "tools" used for configuration should not exceed Um = 30 V.
   This can be achieved e.g. by a battery powered laptop. An approved adapter with barrier has to be used for configuration using a PC with mains connection (Um < 253V).

Warning: Substitution of Components may impair intrinsic safety

7600H			**IS / Class I / Division 1 / Groups ABCD / T4/T5/T6** **Class I / Zone 0 / AEx ia IIC / T4/T5/T6** **NI / Class I / Division 2 / Groups ABCD / T4/T5/T6**	
Supply circuit (Terminal 1 and 2)			Vmax = Ui ≤ 30 VDC Imax = Ii ≤ 100 mA Pmax = Pi ≤ 750 mW Ci ~ 0 Li ~ 0	
Sensor circuit (Terminal 3 until 6)			Voc = Uo ≤ 8.2 VDC Isc = Io ≤ 4.6 mA P = Po ≤ 9.35 mW	
Max. Connecting Values	Group A, B	AEx ia IIC	La = Lo = 4.5 mH	Ca = Co = 974 nF
	Group C	AEx ia IIB	La = Lo = 8.5 mH	Ca = Co = 1900 nF
	Group D	AEx ia IIA	La = Lo = 1000 mH	Ca = Co = 210 µF
Temperature range			T6: Ta = -40°C ... +55°C T5: Ta = -40°C ... +70°C T4: Ta = -40°C ... +85°C	

UNLESS OTHERWISE NOTED
DIMENSIONS ARE IN INCHES
DO NOT SCALE DRAWING

TOLERANCES
UNLESS OTEHRWISE NOTED

DECIMAL	FRAC
.XXX +/-	+/-
.XX +/-	ANG
.X +/-	+/-

MATERIAL

Weed Instrument Company, Inc.
Round Rock, Texas

TITLE

FM Control Drawing, 7600H

			SIZE	CODE IDENT	DOC NO.	REV
FILE NAME						
DRAFTER	SAJ	23 July 03	**A**	**33969**	0502-157-0008	0
ENGINEER	SAJ	23 July 03	SCALE:		SHEET 1 OF 1	
REVIEWER						
QA						