

## HAZARDOUS AREA

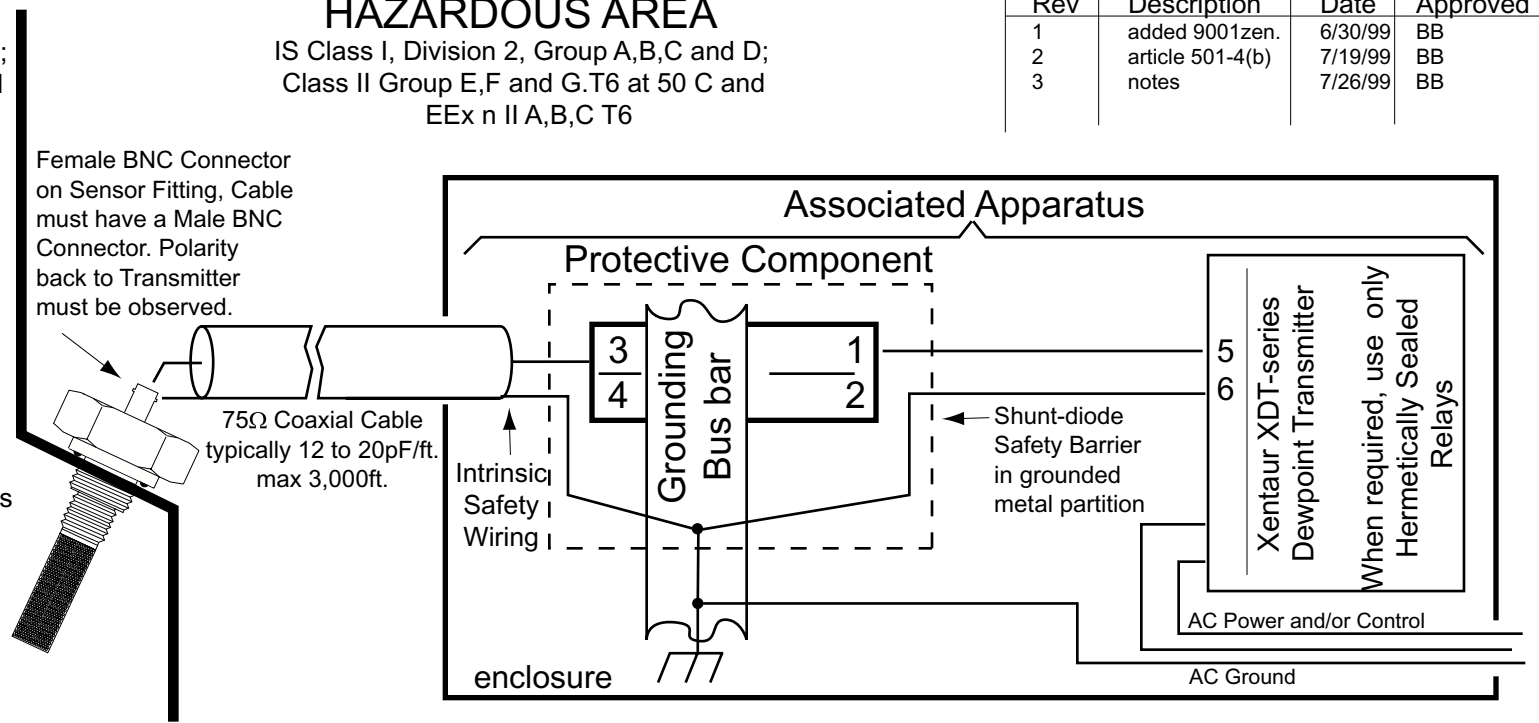
IS Class I, Division 1, Group A,B,C and D;  
Class II Group E,F and G, T6 at 60 C and  
EEx ia II A,B,C T6

## HAZARDOUS AREA

IS Class I, Division 2, Group A,B,C and D;  
Class II Group E,F and G.T6 at 50 C and  
EEx n II A,B,C T6

### Intrinsically Safe (Simple) Apparatus

Xentaur XTR- series  
Dewpoint  
Sensor Element



Revisions			
Rev	Description	Date	Approved
1	added 9001zen.	6/30/99	BB
2	article 501-4(b)	7/19/99	BB
3	notes	7/26/99	BB

#### Notes:

- Hazardous (Classified) Location Use: IS Class I Division 2 Groups A,B,C & D; Class II Group E,F and G, T6 at 50 C and EEx n II A,B,C T6 provides intrinsically safe outputs for use in IS Class I Division 1 Groups A,B,C & D; Class II Group E,F and G, T6 at 60 C and EEx ia II A,B,C T6
- Installation must be in accordance with the ANSI/ISA RP12.6 "Installation of Intrinsically Safe Systems for Hazardous (Classified) Locations" and the National Electrical Code<sup>fi</sup> (ANSI/NFPA 70, Articles 501-4(b) and 504).
- Resistance between Intrinsically Safe ground and earth ground must be less than 1 Ohm.
- The dewpoint transmitter must not be powered by equipment which contains a source of potential with respect to earth ground exceeding 250VRMS or 250VDC.
- Evaluated under UL project no. 99NK02607, file no. E204260. No revisions to drawing without prior approval.

<b>TOLERANCES:</b> (unless otherwise stated) Decimal .X = - .030 .XX = - .010 .XXX = - .005 Angular - 1 deg. Do Not Scale Drawing.	<b>XENTAUR Corporation</b> 3661 HORSEBLOCK RD. MEDFORD, NY 11763		
	Control Drawing for Approved Installation in Hazardous (Classified) Locations, of Xentaur XTR-series Dewpoint Sensor, connected to Associated Apparatus with Protective Component with optional Hermetically Sealed Relays		
Material & Finish: (see Notes)	SIZE A	Dwg. No. XDT.00.D.6003	Rev 3
Drawn: B.B.	Scale: N/A	Date: 11/18/98	Sheet 1 of 1