

Regulatory Agency Approvals

Enclosure 1
4-Apr-09

Approval Type Fairchild Model	Explosion Proof			Intrinsically Safe			Process Control Equipment		Industrial	NEMA 3	NEMA 4	CE Mark		
	Class I Division 1 Groups B,C, & D Gases	Class II Division 1 Groups E,F, & G Dust (Class III, Fibers)	EEx d IIB or IIC T5 or T6 (Flameproof) Ex d IIB T5	Class I Division 1 Groups A, B,C, & D Gases	Class II Division 1 Groups E,F, & G Dust	Class III Division 1 Fibres	EEx ia IIB or IIC T4 Class I Gases	Ex ia IIB or IIC T4 Gases	Class I & II Division 2 Group A, B, C, D, E, F, & G, Barriers Unnecessary NI=NonIncendive	General Approval	Electrically Operated Valves	Indoor / Outdoor Weather Resistant	Water/Dust Tight Indoor/Outdoor X = Corrosion Resistant	CE Mark 4
2400										CSA				
24XF	FM	FM										FM 4X		
T_5200/5220									CSA			FM 4X (TFN)	CE	
T_I5200/5220				FM, CSA	FM	FM					FM	FM 4X (TFNI)	CE	
T_XPD(I)5200/5220	FM	FM		FM	FM	FM					FM		CE	
T_I6000	FM, CSA	FM, CSA		FM, CSA	FM	FM	ATEX EEx ia IIC T4, Ex II 1G (T4) Ex GOST 0ExialICT4		FM: Class I, Groups A, B, C, D only		TA only FM & CSA		CE	
T_XPD(I)6000	FM, CSA	FM, CSA		FM, CSA	FM, CSA							FM 4X & CSA CENELEC IP66	CE	
T_I7800				FM, CSA Group C & D Only	FM, CSA	FM	ATEX EEx ia IIB T4 Ex II 1G (T4) IECEx Ex ib IIB T4 Gb Ex ib IIB T135C Db Ex GOST 0ExialIBT4		FM (NI) & CSA Suitable for			FM 4X & CSA Type 4 CENELEC IP65	CE	
T_XI7800/7850	FM, CSA	FM, CSA	5 ATEX EEx d IIB +H2 T5 Ex II 2 G D Ex GOST 1ExdIIBT5/H2 X	FM, CSA Group C & D Only	FM, CSA	FM	ATEX EEx ia IIB T4, Ex iaD 20 T90C Da Ex II 1G (T4) II 1D IECEx Ex ia IIB T4 Ga Ex iaD 20 T90C Da Ex GOST 0ExialIBT4	SAA IIB Only	FM & CSA - CL I only			FM 4X & CSA Type 4 CENELEC IP65 SAA IP 65	CE	
T_XI7800/7850: Group D gas as pressure supply (120 psig) ⁵	CSA, FM (Grps C & D)		5 ATEX EEx d IIB, T5 Ex II 2 G Ex GOST 1ExdIIBT5 X						FM, CSA			CSA Type 4		
T79xx ³													CE	
T_I8001				FM, CSA	FM, CSA	FM			FM, CSA			CSA, FM 4X		
T_X(I)8001	FM, CSA	FM, CSA		FM, CSA	FM, CSA	FM, CSA						FM 4X & CSA Type 4 CENELEC, IP6		
TA880x	FM AEx d IIC T4, CSA Ex ia IIC T4 (Groups A-D)	FM, CSA		TA8802 only FM AEx ia IIC T4, CSA Ex ia IIC T4	FM, CSA	FM, CSA			TA8802 only FM Zone 2, Group IIC T4			FM 4X	CE	
TA8902	FM AEx d IIC T4, CSA Ex ia IIC T4 (Groups A-D)	FM, CSA		FM AEx ia IIC T4 CSA Ex ia IIC T4	FM, CSA	FM, CSA			FM Zone 2, Group IIC T4			FM 4X	CE	

Notes: 1. CENELEC IP65 standard is similar to NEMA 4 standard.

3. T79xx includes T7900, T7950, and DeviceNet Versions

5. Includes Natural Gas and Methane-Industrial, 8.5 BAR Group IIA gasses in EU

7. TEXI78xx series IECEx approved, new approval classification

2. M75 DNV Type Approval removed - expired December 31, 2003.

4. Directives: EMC Per EN 61326, ATEX (as indicated), Lo Voltage (T7800 series)

6. Ex GOST (Russia) information added

CE - (Conformite Europeenne) Directives

CENELEC - Europe

CSA - Canada

DNV - Det Norske Veritas

Ex GOST - Russian Hazardous location approval

FM - USA

SAA - Australia

TBD - To be determined

ATEX - European Hazardous Locations Directive, mandatory July 1, 2003

Replaced by IECEx approvals