



ELITE LOAD CELLS AND THEIR PERMITTED USE IN Ex ZONES

Note. Dust Zone 20 requires 1D equipment, Zone 21 requires 1D or 2D equipment, and Zone 22 requires 3D, 2D or 1D equipment
Gas Zone 0 requires 1G equipment, Zone 1 requires 1G or 2G equipment and Zone 2 requires 1G, 2G or 3G equipment.

Ex Certificate	Product Type and Description		Equipment Category <small>II Surface application 1 is for Zone 0 2 is for Zone 21 G is for Gas D is for Dust</small>	Protection Class	Permitted Ex Zones			Important Key Comments	
	Model (Description)	Type (Description)							
SIRA 07ATEX2221 IECEX SIR 07.0078 Equipment Markings: II 1G II 2D Ex ia IIC T6 Ex tb IIIC Db T85°C (-40°C ≤ T_a ≤ +60°C)	SELB (Single Ended Load Beam)	RO (Rationalised Output)	II 1 G	ia (intrinsic safety)	Gas			Must use safety barriers	
	SELB (Single Ended Load Beam)	RI (Rationalised Input)			0	1	2		
	DELB (Double Ended Load Beam)	RO (Rationalised Output)			√	√	√		
	DELB (Double Ended Load Beam)	RI (Rationalised Input)							
	DELP (Double Ended Load Pin)	EGW (Externally Gauged, Welded)							
	DELP (Double Ended Load Pin)	IGP (Internally Gauged, Potted)							
	Equipment Markings: II 2D Ex ia IIC T6 Ex tb IIIC Db T85°C (-40°C ≤ T_a ≤ +60°C)	DELP (Double Ended Load Pin)	IGP (Internally Gauged, Potted)	II 2 D	tb (protection by enclosure)	Dust			Use of safety barriers dependent on installation
		CLC (Compression Load Cell)	RO (Rationalised Output)			21	22		
		CLC (Compression Load Cell)	RO (Rationalised Output)			√	√		
		DELP (Double Ended Load Pin)	IGP (Internally Gauged, Potted)						
		DELP (Double Ended Load Pin)	DS1950-TB (Procon Triple Bridge)						
		DELP (Double Ended Load Pin)	DB (Double Bridge)						
CML 15ATEX4055X IECEX CML 15.0032X Equipment Markings: II 3G Ex nA IIC T6 Gc (-20°C ≤ T_a ≤ +60°C)	DELP (Double Ended Load Pin)	DB (Double Bridge)	II 3 G	nA (non-sparking)	Gas Zone 2			Safety barriers not required	
	DELP (Double Ended Load Pin)	DB (Double Bridge)							
	SLL (Stainless Load Link)	SLL (Tension Link)							
	SLL (Stainless Load Link)	SLL (Tension Link)							
	LPMW (Low Profile Multi Webb)	SB (Single Bridge)							
	LPMW (Low Profile Multi Webb)	DB (Double Bridge)							
	LPCC (Low Profile Compression Cell)	SB (Single Bridge)							
	SM60 (Silo Mounted)	RO (Rationalised Output)							
SM66 (Silo Mounted)	SB (Single Bridge)								
KFP (Low Profile Multi Webb)	SB (Single Bridge)								
KFP (Low Profile Multi Webb)	DB (Double Bridge)								