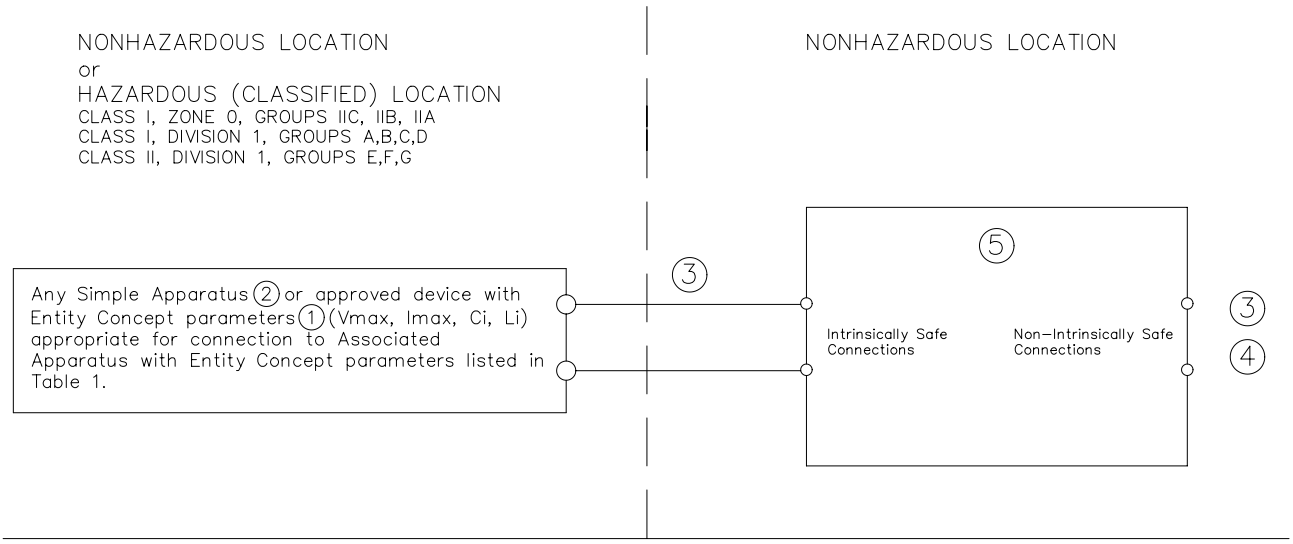

Notes:

(1) The entity concept allows interconnection of intrinsically safe and associated apparatus not specifically examined in combination as a system when the approved values of Uo (or Voc) and Io (or Isc) for the associated apparatus are less than or equal to Ui (or Vmax) and Ii (or Imax) for the intrinsically safe apparatus and the approved values of Co (or Ca) and Lo (or La) for the associated apparatus are greater than Ci + Ccable and Li + Lcable, respectively for the intrinsically safe apparatus.

(2) "Simple Apparatus" is defined as a device that will neither generate nor store more than 1.2V, 0.1A, 20µJ or 25mW.

(3) Wiring methods must be in accordance with the National Electrical Code.

(4) Barriers shall not be connected to any device that uses or generates in excess of 250 Vrms or DC unless it has been determined that the voltage is adequately isolated from the barrier.

(5) These barriers must be installed in an enclosure meeting the requirements of ANSI/ISA S82.

Table 1: Entity Parameters

Model Numbers	Terminals	Load Parameters										
		U_o(V) (V_{oc})	I_o(mA) (I_{sc})	V_t(V)	I_t(mA)	P_o (mW)	C_o(uF) GRPS			L_o(mH) GRPS		
							IIC (A,B)	IIB (C,E)	IIA (D,F,G)	IIC (A,B)	IIB (C,E)	IIA (D,F,G)
WE 77/EX1	1,2	13.4	31	–	–	145	.410	1.7	1.7	1	5	5
	1–5	–	–	13.4	31	145	.410	1.7	1.7	1	5	5
WE 77/EX2	1,2; 8,9	13.4	31	–	–	145	.410	1.7	1.7	1	5	5
	1–9	–	–	13.4	62	290	.360	1.5	1.5	1	5	5

Dieses Dokument enthält sicherheitstechnische Angaben. Es darf nicht ohne Absprache mit dem Normenfachmann geändert werden!
This document contains safety-relevant information. It must not be altered without the authorization of the norm expert!