



SAGE Metering Hazardous Area and EMC

	Prime		100/200/300		Rio	
	Integral SIP	Remote SRP	Integral	Remote (200/300)	Integral SIX	Remote SRX
DC Power (24 VDC)	UL (1) CSA (2)	UL (1) CSA (2) UL/CSA (3)	UL (1) CSA (2)	UL (1) CSA (2) UL/CSA (3)	ATEX (4) UL, cUL (5) CSA (5)	ATEX (4) UL, cUL (5) CSA (5)
AC Power	None	None	None	None	ATEX (4) UL, cUL (5) CSA (5)	ATEX (4) UL, cUL (5) CSA (5)
Insertion Probe In-Line Flow Body	UL (1) CSA (2)	UL (1) CSA (2) UL/CSA (3)	UL (1) CSA (2)	UL (1) CSA (2) UL/CSA (3)	ATEX (4) UL, cUL (5) CSA (5)	ATEX (4) UL, cUL (5) CSA (5)
Environmental	NEMA 4	NEMA 4	NEMA 4	NEMA 4	NEMA 4X IP 66	NEMA 4X IP 66
EMC	CE (6)	CE (6)	CE (6)	CE (6)	CE(7)	CE(7)
EMC Medical	CE (8)	CE (8)	CE (8)	CE (8)	None	None

Approvals

UL (1) – Class I, Division 2, Groups B, C, D T4. Tested to ANSI/ISA 12.12.01 Non incandive Electrical Equipment for Use in Class I and II Division 2 Hazardous Locations by Met Labs

CSA (2) – CSA Non-incandive for use in Class I Division 2 Hazardous Areas. Meets CSA C22.2 No.213-M1987 (R2013). Non-incandive Electrical Equipment for Use in Class I, Division 2 Hazardous Locations (tested by Met Labs)

UL/CSA (3) – Remote enclosure rated Class I, GPS B, C, D; Class II, Groups B, C, D; Class III, 4X

ATEX (4) – Ex II 2G Ex d IIB+H2 T6 Gb, IP 66 (Zone 1 areas)

UL (5) – Class I, Division 1, Groups B, C, D; Zone 1, Groups B, C, D, T6

cUL (5) – Class I, Division1, Groups B. C. D, T6

CSA (5) – Zone 1, Groups B, C, D

CE (6) – EN 55022, EN 61000-3-2, EN 55024, EN 61000-4-2 through to EN 61000-4-6 and EN 61000-4-11

CE (7) – EN61326-1:2006, EN 55011:2009, FCC Part 15 Subpart B:2011, VCCI V-3/2011.04, BSMI CNS 13438:2006, EN 6100-3-2:2006/A2:2009, EN 61000-3-3:2008, EN61326-1:2006, EN 61000-4-2:2009, EN 61000-4-3:2006/A2:2010, EN 61000-4-4:2004+A1:2010, EN 61000-4-5:2006, EN 61000-4-6:2007, EN61000-4-8:2010, EN 61000-4-11:2004

CE (8) – AC Powered Units only - EN 60601-1-2 (Medical), EN 55022, EN 61000-3-2, EN 61000-3-3, EN 55024, EN 6100-4-2 through to EN 61000-4-6 and EN 61000-4-11