



Number:	UKCA/0558/22/116	Replaces:	17GR0143/05
Issue Date:	13-06-2022	Contract Number:	PS7188
Due Date:	13-06-2032	Module:	B (Type Testing)
Report Number:	120669	Scope:	Gas Appliances
PIN:	0063AS4831	Page	1 of 4

UKCA TYPE EXAMINATION CERTIFICATE

Kiwa Ltd. hereby declares that the multi-functional control, type(s)

84X Sigma

Manufacturer **SIT S.P.A.**
35129 Padova, Italy

Meet(s) the essential requirements as described in the:

Gas Appliances Regulation (Regulation (EU) 2016/426 as brought into GB law and amended), and the Gas Appliances (Enforcement) and Miscellaneous Amendment Regulations 2018 No 389, and amendments to UK SI 2019/696 Product Safety and Metrology, and subsequent amendments, The Product Safety, Metrology and Mutual Recognition Agreement (Amendment) (EU Exit) Regulations 2019 No 1246, and subsequent amendments. This certificate is not valid in Northern Ireland – and is applicable to England, Scotland and Wales only.

Reference standards: BS EN 126:2012

Signed on behalf of Kiwa Ltd.
(UK Approved Body Number 0558)

Mark Crowther
Technical Director
Kiwa Ltd.

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CERTIFICATE

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PIN:	0063AS4831	Page	3 of 4

APPENDIX TO UKCA TYPE EXAMINATION CERTIFICATE

843 SIGMA Two electro-magnetic shut-off valves class B + J or B + C
With High\Low pressure regulator class B (pressure range 1 to 50 mbar)

845 SIGMA Two electro-magnetic shut-off valves class B + J or B + C
Pressure regulator class B with modulation coil
Pressure ranges: 1 to 37 mbar (red setting screw/modulator axis in horizontal position)
1 to 20 mbar (white setting screw/modulator axis in horizontal position)
3 to 45 mbar (red setting screw/modulator axis in horizontal position)

845 SIGMA PS Two electro-magnetic shut-off valves class B + J
Power supply 24 Vdc with dedicated power saving circuit (*)
Pressure regulator class B with modulation coil
Pressure ranges: 1 to 37 mbar (red setting screw/modulator axis in horizontal position)
1 to 20 mbar (white setting screw/modulator axis in horizontal position)
3 to 45 mbar (red setting screw/modulator axis in horizontal position)

(*) the used electronics for the 845 Sigma PS must be safe at second fault (acc. to EN 13611 clause 6.6 class C)

848 SIGMA Two electro-magnetic shut-off valves class B + J or B + C
Servo controlled gas/air ratio controller
Amplification factor 1:1
Pressure governor performance class B
Pressure range 0.3 to 30 mbar
Zero adjustment range $-0.3/+0.3$ mbar
Zero adjustment of pre-set value with offset cap fitted: $-/+ 0.11$ mbar

848 SIGMA PS Two electro-magnetic shut-off valves class B + J or B + C
Power supply 24 Vdc with dedicated power saving circuit (*)
Servo controlled gas/air ratio controller
Amplification factor 1:1
Pressure range 0.3 to 30 mbar
Zero adjustment range $-0.3/+0.3$ mbar
Zero adjustment of pre-set value with offset cap fitted: $-/+ 0.11$ mbar

(*) the used electronics for the 848 Sigma PS must be safe at second fault (acc. to EN 13611 clause 6.6 class C)



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APPENDIX TO UKCA TYPE EXAMINATION CERTIFICATE

849 SIGMA	Two electro-magnetic shut-off valves class B + J or B + C or One electro-magnetic shut-off valve class B Pressure regulator class B with current controlled modulation device Pressure ranges: 0.3 to 15 mbar Ambient temperature range: 0 °C to 60 °C -15 °C to 60 °C
849 SIGMA MOD-S	Pressure regulator class B with current controlled modulation device Pressure ranges: 0.3 to 15 mbar