



<b>Number</b>	KIP-17216/G	<b>Replaces</b>	---
<b>Issue date</b>	20-12-2022	<b>Contract number</b>	Not applicable
<b>Due date</b>	19-12-2032	<b>Scope</b>	(EU) 2016/426 (9 March 2016)
<b>Report number</b>	2011428	<b>Module</b>	B (Type testing)
<b>PIN</b>	0476DN1428		

## EU TYPE-EXAMINATION CERTIFICATE (GAR)

Kiwa Cermet Italia declares that the automatic burner control system, type(s):

**0.580.261**

Manufacturer

**SIT S.p.A.**  
**Viale dell'Industria, 31**  
**35129, Padova (PD), Italy**

Meet the essential requirements as described in the  
**Regulation (EU) 2016/426 relating to appliances burning gaseous fuels.**

Reference standard: EN 298: 2012, EN 14459:2007, EN16830:2022

This certificate is only valid in combination with the appendix to this certificate, where specific information and/or conditions are given.

# CERTIFICATE

**Kiwa Cermet Italia S.p.A.**  
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PRD N° 069B

Membro degli Accordi di Mutuo Riconoscimento EA, IAF e ILAC  
Signatory of EA, IAF and ILAC Mutual Recognition Agreements



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## APPENDIX TO EU TYPE-EXAMINATION CERTIFICATE (GAR)

Brand name:  
SIT

The SIT automatic burner control system, type 0.580.261, is intended for use on gas fired appliances and non-permanent operation, as stated in clause 6.6 of EN 298:2012. The control is provided without an enclosure, and it is intended for installation in an environment or enclosure, meeting the requirements of EN 60730-1:2011 in order to provide pollution degree 1 or 2.

Types:

Series:	Type name
0.580.261	0.580.261_00

Specifications:

Applied technology:	Complex electronics
Electrical supply:	230 Vac 50/60 Hz
Gas valve output:	Type gas valve SIT 877 (24 V / max. 0.4 A)
Ambient temperature:	0 °C to +60 °C
IP protection degree:	IP 00
Flame detection:	Ionization

Approved safety relevant functions:

Automatic burner control system:	EN 298	Class C
Temperature control function (TCF) * for flow temperature:	EN 16830	Class C
Temperature control function (TCF) * for flue temperature:	EN 16830	Class C
Reset function:	EN 14459, Annex J	Class B
*: Approval of the sensing element is not included.		

See the installation and operating instructions for all specifications and possible options available for the above listed type(s).

Countries:

AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MK, MT, NO, NL, PL, PT, RO, SE, SI, SK, TR

Remarks:

- The burner control can manage:
  - an electro-mechanical overheat cut-out thermostat for the flow water or
  - an electronic overheat cut-out protection for the flow water using dual NTC sensors, according EN 60730-2-9, type 2, and class C electronics according to the Temperature Control Function described in EN14459:2007 Annex K and EN16830 and,
  - an electronic overheat cut-out protection for flue temperature using dual NTC sensors, according EN 60730-2-9, type 2, and class C electronics according to the Temperature Control Function described in EN14459:2007 Annex K and EN16830.

The validity of this certificate can be verified on request at the following e-mail address: [info@kiwacermet.it](mailto:info@kiwacermet.it)

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