

**SAITEK s.r.l**

IV Novembre Street, 4 - 42013 Casalgrande (RE) - (ITALY)

Fiscal Code/VAT registration number IT02556150361

Declares, under the sole responsibility of the manufacturer, that the following

## INDUSTRIAL USE Flame detector system

 Model/Configuration: **AF1 – AF1q**

Complies with DIRECTIVE 2014/35/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 26 February 2014 on the harmonisation of the laws of the Member States relating to the making available on the market of electrical equipment designed for use within certain voltage limits

Complies also with the requirements of the following European Directive:

- 2014/30/EU Electromagnetic compatibility

Complies with the requirements of the following harmonised standards in the applicable parts:

European Directive Reference Standard	Descriptions
<b>EMC 2014/30/UE</b>	Electromagnetic Compatibilità Directive
EN 298:2022	Automatic burner control systems for gas burners and gas burning appliance with or without fans
CEI EN IEC 61326-1:2022	Electrical equipment for measurement, control and laboratory use – EMC requirements
CEI EN 61000-4-2:2011	Electromagnetic compatibility (EMC) - Part 4-21: Testing and measurement techniques - Reverberation chamber test methods
UNI EN 61000-4-3:2007 + A1:2008+A2:2011	Electromagnetic compatibility (EMC) – Part 4; Testing and measurement techniques – Section 3: Radiated, radio-frequency, electromagnetic field immunity test and supplements A1 (2008) and A2 (2011)
CEI EN 61000-4-4:2013	Electromagnetic compatibility (EMC) - Part 4-6: Testing and measurement techniques - Immunity to conducted disturbances, induced by radio-frequency fields
CEI EN 61000-4-5:2016 + A1:2020	Electromagnetic compatibility (EMC) – Part 4: Testing and measurement techniques – Section 5: Surge immunity test and supplement A1 (2001)
CEI EN 61000-4-6:2014	Electromagnetic compatibility (EMC) – Part 4: Testing and measurement techniques – Section 6: Immunity to conducted disturbance, induced by radio-frequency fields and supplement A1 (2001)
CEI EN IEC 61000-4-11:2021 + AC:2023	Electromagnetic compatibility (EMC) – Part 4: Testing and measurement techniques – Section 11: Voltage dips, short interruptions and voltage variations immunity tests and supplement V1 (2001)
<b>LVD 2014/35/UE</b>	Low Voltage Safety Directive
CEI EN 60730-1:2017	Automatic burner control systems for gas burners and gas burning appliance with or without fans
CEI EN 60529:1997 + A1:2000 + A2:2014 + EC1:2017 + EC2:2019	Automatic electrical controls for household and similar use – Part I: General requirement
IEC TS 61508-3-1:2016	Degree of protection provided by enclosures (IP code) and supplement A1 (2000)
<b>SIL2</b>	Safety-related parts of control systems
EN 61508-3-1 (2016)	Evaluation to EN 13611 (2015) based on UNI EN ISO 13849-1 (2016)

 Descriptions: **Flame detection control**


Casalgrande, September 2023

Legal signature: Fabrizio Sibani

