

CERTIFICATE OF CONSTANCY OF PERFORMANCE

2809 - CPR – E0017

In compliance with Regulation (EU) No 305/2011 of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation or CPR), this certificate applies to the construction product

Go Series

Scope of Certificate: Go series Control and Indicating Equipment & Integrated Power Supply for fire detection and fire alarm systems for buildings (see Appendix).

placed on the market under the name or trade mark of

Advanced Electronics Ltd

The Bridges, Balliol Business Park,
Longbenton, North Tyneside NE12 8EW
United Kingdom

and produced in the manufacturing plant(s)

Advanced Electronics Ltd

The Bridges, Balliol Business Park,
Longbenton, North Tyneside NE12 8EW
United Kingdom

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standard(s)

EN 54-2:1997 + AC:1999 + A1:2006 — Fire detection and fire alarm systems – Part 2: Control and Indicating Equipment

EN 54-4:1997 + AC:1999 + A1:2002 + A2:2006 - Fire detection and fire alarm systems - Part 4: Power supply equipment

under system 1 for the performances set out in this certificate (see approval report PR447698 dated 07 September 2021 for detail) are applied and that the factory production control conducted by the manufacturer is assessed to ensure the

constancy of performance of the construction products

This certificate was first issued on 13th September 2021 and will remain valid as long as neither the harmonised standard, the construction product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.

Digitally signed
by Richard
Zammit
Foxit
PhantomPDF
Version: 10.1.4

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F CPR 028(Dec/2020)

Richard Zammit Certification Manager
On behalf of FM Approvals Europe Limited
(Project id PR447698)



This certificate remains the property of FM Approvals and has been issued in accordance with FM Approvals CPR Certification Scheme.

APPENDIX TO CERTIFICATE OF CONSTANCY OF PERFORMANCE

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Full Product Description

Go Series control and indicating equipment

Go1 / Go1+, Go1A / Go1A+, Go1H / Go1H+, Go1V / Go1V+ and Axis-Go / Axis-Go+

Go Series control and indicating equipment have several common features used with varied fire detection devices.

The Go series is a Single Loop, Analogue Addressable Fire Alarm Control Panel. Each panel model is available with a specific addressing protocol for use with specific fire detection devices.

Go Series models are designed for use with the Apollo (Discovery, Xplorer, XP95 and Series 90) and Hochiki (ESP), Argus Vega (Altair), or Axis EN fire detection devices (analogue addressable) connected to the panel through the detection loop.

- A single analog addressable loop
- The Go has two supervised sounder circuits, A and B.
- Each Sounder output is rated at a maximum of 1 Ampere (1A total).
- Fault Output. Relay 1 is arranged for failsafe operation as standard
- An integral display card driving a white backlit 240 x64 Graphical display

Integral Power supplies available with the Go series are:

- 1.5A PSE with 7Ah battery set
- 1.5A PSE with 4Ah battery set

Other Common optional modules for Go Series CIE models include:

- One monitored switch input (I/P2) and one key switch input (I/P1) are provided.
- AUX – Maximum 100mA
- GOP-001 PBUS adapter card is used to connect local peripheral equipment located inside or within 3 meters of the panel
- PBUS modules must be configured using the PC Tool
- USB Interface
 - For connection to a PC/laptop with the PC Configuration Tool installed.
- Equipped with an isolated Ethernet I/F Circuit, at the top left of the base card.
 - For connection to a cloud server.
- Connection to the Mxp-532 Fire/fault routing equipment interface
 - Firmware 781- 0151-02
 - Used to output monitored signals to Fire Routing Equipment and Fault Routing Equipment or to Fire Protection Equipment

Common arrangements:

The Go1/Go1+ No suffix Series Fire Alarm Control Panels, Base Firmware Go1 01.00.02.00, compatible selectively with either the Apollo or Hochiki (ESP) fire detection devices (analogue addressable), Go1+ Apollo loops support up to 126 devices, Hochiki loops

support up to 127 devices; Go1 Apollo loops support up to 50 devices, Hochiki loops support up to 50 devices

The Go1-A/ Go1-A+ Series Fire Alarm Control Panels, Base Firmware Go1A01.00.22.00, compatible with the Legacy Apollo (Discovery, Explorer, XP95 and Series 90) fire detection devices (analogue addressable) Go1-A+ Apollo loops support up to 126 devices; Go1-A Apollo loops support up to 50 devices.

The Go1-H/ Go1-H+ Series Fire Alarm Control Panels, Base Firmware Go1H01.00.22.00, compatible with the Hochiki (ESP) fire detection devices (analogue addressable) Go1-H+ Hochiki loops support up to 127 devices; Go1-H Hochiki loops support up to 50 devices.

The Go1-V/ Go1-V+ Series Fire Alarm Control Panels, Base Firmware Go1V01.00.22.00, compatible with the Argus Vega (Altair) fire detection devices (analogue addressable). Go1-V+ Argus loops support up to 240 devices; Go1-V Argus loops support up to 50 devices.

The Axis-Go/ Axis-Go+ Series Fire Alarm Control Panels, Base Firmware Go1V01.00.22.00, compatible with the Axis EN fire detection devices (analogue addressable). Axis-Go+ Axis EN loops support up to 240 devices; Axis-Go Axis EN loops support up to 50 devices.

INITIAL TYPE TEST RESULTS BY NOTIFIED BODY:

Classification & applicable standard	Assigned rating
EN54-2: 1997 + AC:1999 + A1:2006	Meets all requirements of Annex ZA
EN54-4: 1997 + AC:1999 + A1: 2002 + A2:2006	Meets all requirements of Annex ZA