



Type Approval Certificate

This is to certify that the undernoted product(s) has/have been tested in accordance with the relevant requirements of the GL Type Approval System.

Certificate No. 12 137 - 98 HH

Company Apollo Fire Detectors Ltd.
36, Brookside Road
Havant, Hampshire PO9 1JR, UNITED KINGDOM

Product Description Series XP 95 Analogue, Addressable, Intrinsically Safe Fire Detectors, Manual Call Point and Protocol Translator

Type 55000 - 440, - 540, - 640, - 855, - 856, -941, -942, -943, -944, -945
55100 - 940, 45681 -200, -204, -215, -233

Environmental Category D, EMC1

Technical Data / Range of Application
Power supply: 14 - 22 V DC
Operating temperature: -20 °C to 60 °C
Certified safe type: EEx ia IIC T 4
55000 - 440: heat detector, quiescent current 250 µA
55000 - 540: ionisation smoke detector, quiescent current 280 µA
55000 - 640: optical smoke detector, quiescent current 340 µA
45681 - 200: mounting base
45681 - 215: detector base
45681 - 204, - 233: conduit box, backplate
55000 - 941 to - 945: manual call point, quiescent current 230 µA
55100 - 940: manual call point, quiescent current 300 µA
55000 - 855: protocol translator, single channel
55000 - 856: protocol translator, dual channel
Supply voltage: 19 to 28 V DC
Output current: to barrier = 0.2 to 30 mA
Input pulse current: from barrier = 8 to 12 mA

Test Standard Guidelines for the Performance of Type Approval, Edition 2003

Documents Test report: LPC TE 90085 to TE 90090, TE 89124 to TE 89129, bre TE 223930; bre TE 237126; Te 83550, EECS Cert. BAS02ATEX1289;/1; BAS02ATEX1290;/4
Circuit diagram according to type no.: with suffix CD.

Remarks None

Valid until 2015-04-28

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Type Approval Symbol



File No. I.D.09

Hamburg, 2010-05-05

Germanischer Lloyd

Marco Rinkel

Heinz Scheffler