



## Type Approval Certificate Extension

*This is to certify that Certificate No. 98/00063(E2) for the undernoted products is extended and renumbered as shown.*

This certificate is issued to:

<b>PRODUCER</b>	Apollo Fire Detectors Ltd.
<b>PLACE OF PRODUCTION</b>	36 Brookside Road Havant Hampshire, PO9 1JR United Kingdom (UK)
<b>DESCRIPTION</b>	XP95 Series Protocol Translator
<b>TYPE</b>	55000-855 Single Channel 55000-856 Dual Channel
<b>APPLICATION</b>	Marine and offshore use in environmental categories ENV1, ENV2, ENV3 and ENV4 as defined in LR Type Approval System Test Specification No. 1: 1996.
<b>DESIGN CODE</b>	EFSG/F/95/007

*"This Certificate is not valid for equipment, the design, ratings or operating parameters of which have been varied from the specimen tested. The manufacturer should notify Lloyd's Register EMEA of any modification or changes to the equipment in order to obtain a valid certificate."*

*The attached Design Appraisal Document No. 98/00063(E3) and its supplementary Type Approval Terms and Conditions form part of this Certificate.*

All other details remain as the previous Certificate No. 98/00063(E2) to which this extension should be attached.

<b>Certificate No.</b>	98/00063(E3)
<b>Issue Date</b>	2 November 2012
<b>Expiry Date</b>	26 April 2018
<b>Sheet</b>	1 of 1

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London Design Support Office  
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Document number 98/00063(E3)
Issue number 1

**DESIGN APPRAISAL DOCUMENT**

Date 2 November 2012	Quote this reference on all future communications LDSO/ETS/AMA/RH/WP12319718/WO3116564
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**LLOYD'S REGISTER TYPE APPROVAL SYSTEM, 2002.****Issued to: APOLLO FIRE DETECTORS LTD.****for: XP95 SERIES PROTOCOL TRANSLATOR****TYPE APPROVAL CERTIFICATE No. 98/00063(E3)**

The undernoted documents have been reviewed for compliance with the requirements of the Lloyd's Register Type Approval System, 2002 and this Design Appraisal Document forms part of the Certificate.

**ADDITIONAL APPROVAL DOCUMENTATION**

Request form	19 Jun 2012
LR Visit Report SOU1200836	1 Aug 2012
LPCB ISO 9001:2008 Certificate 10, Issue 14	19 Jun 2012

Also all the documentation listed on Design Appraisal Documents associated with Type Approval Certificates Nos. 98/00063, 98/00063(E1) and 98/00063(E2)

**Supplementary Type Approval Terms and Conditions**

*Type Approval certifies that a representative sample of the product(s) referred to herein has/have been found to meet the applicable design criteria for the use specified herein. It does not mean or imply approval for any other use, nor approval of any product(s) designed or manufactured otherwise than in strict conformity with the said representative sample.*

*Type Approval is based on the understanding that the manufacturer's recommendations and instructions and any relevant requirements of the Rules and Regulations are complied with.*

*Type Approval does not eliminate the need for normal inspection and survey procedures required by the Rules and Regulations.*

*Lloyd's Register EMEA reserves the right to cancel or withdraw this Type Approval Certificate in accordance with the Lloyd's Register Type Approval System Procedure.*



Alasdair Anderson  
Electrotechnical Systems  
London Design Support Office

**Part 3  
Fire and Gas Detection Alarm and Control Systems (Part 3)**

Producer / Licence No.	Item Description	Technical Details	Category / Additional Tests	Remarks	Cert. No.
<p>Apollo Fire Detectors Ltd., 36 Brookside Road, Havant, Hampshire, PO9 1JR, United Kingdom (UK).</p>	<p>XP95 Series Protocol Translator 55000-855 Single Channel 55000-856 Dual Channel</p>	<p>Input Voltage (from CIE): 19-28 Vdc Input current (no load): 1mA max. Output voltage (to barrier): 16.5-19Vdc Output current: 0.2-30mA</p> <p>Input voltage (from CIE): 19-28Vdc Input current (no load): 2mA max. Output voltage (to barrier): 16.5-19Vdc Output current: 0.2 to 30mA</p>	<p>ENV1 ENV2 ENV3 ENV4 (1996)</p>	<p>Expires: 26 April 2018</p>	<p>98/00063(E3)</p>