



Supplement

**GS16 Gas Metering System
with Zone 1 Connectors**

RESTRICTED—NOT FOR GENERAL DISTRIBUTION
Manual 26514sup

IMPORTANT



This is the safety alert symbol used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.

DEFINITIONS

- **DANGER** - Indicates a hazardous situation, which if not avoided, will result in death or serious injury.
- **WARNING** - Indicates a hazardous situation, which if not avoided, could result in death or serious injury.
- **CAUTION** - Indicates a hazardous situation, which if not avoided, could result in minor or moderate injury.
- **NOTICE** - Indicates a hazard that could result in property damage only (including damage to the control).
- **IMPORTANT** - Designates an operating tip or maintenance suggestion.

WARNING

The engine, turbine, or other type of prime mover should be equipped with an overspeed shutdown device to protect against runaway or damage to the prime mover with possible personal injury, loss of life, or property damage.

The overspeed shutdown device must be totally independent of the prime mover control system. An overtemperature or overpressure shutdown device may also be needed for safety, as appropriate.



Read this entire manual and all other publications pertaining to the work to be performed before installing, operating, or servicing this equipment. Practice all plant and safety instructions and precautions. Failure to follow instructions can cause personal injury and/or property damage.



This publication may have been revised or updated since this copy was produced. To verify that you have the latest revision, be sure to check the Woodward website:

www.woodward.com/pubs/current.pdf

The revision level is shown at the bottom of the front cover after the publication number. The latest version of most publications is available at:

www.woodward.com/publications

If your publication is not there, please contact your customer service representative to get the latest copy.



Any unauthorized modifications to or use of this equipment outside its specified mechanical, electrical, or other operating limits may cause personal injury and/or property damage, including damage to the equipment. Any such unauthorized modifications: (i) constitute "misuse" and/or "negligence" within the meaning of the product warranty thereby excluding warranty coverage for any resulting damage, and (ii) invalidate product certifications or listings.

NOTICE

To prevent damage to a control system that uses an alternator or battery-charging device, make sure the charging device is turned off before disconnecting the battery from the system.

NOTICE

To prevent damage to electronic components caused by improper handling, read and observe the precautions in Woodward manual 82715, *Guide for Handling and Protection of Electronic Controls, Printed Circuit Boards, and Modules*.

Regulatory Compliance

European Compliance for CE Marking:

EMC Directive: Declared to Directive 2014/30/EU of the European Parliament and of the Council of 26 February 2014 on the harmonization of the laws of the Member States relating to electromagnetic compatibility (EMC)

Pressure Equipment Directive: Directive 97/23/EC (until July 18th, 2016) and Directive 2014/68/EU (from July 19th, 2016) on the harmonisation of the laws of the Member States relating to the making available on the market of pressure equipment.
PED Category II
PED Module H – Full Quality Assurance,
CE-0041-PED-H-WDI 001-16-USA, Bureau Veritas UK Ltd (0041)

ATEX – Potentially Explosive Atmospheres Directive: Directive 2014/34/EU on the harmonisation of the laws of the Member States relating to equipment and protective systems intended for use in potentially explosive atmospheres
Compliance of the GS16 Gas Metering System to the ATEX Directive for Zone 1, Category 2, Group II G, is based upon the individually compliant components as follows:

Woodward GS16 per LCIE 02 ATEX 6049 X
Zone 1, Category 2, Group II G, Ex d IIB T3

Amphenol Industrial Star-Line EX Connectors per SIRA 03ATEX1101X
Zone 1, Category 2, Group II GD, EEx de IIC T6

Amphenol Industrial EX-25 Cable Glands per SIRA 05ATEX1122X
Zone 1, Category 2, Group II GD, EEx d IIC/EEx e II

Amphenol Industrial EX-20 Cable Glands per SIRA 05ATEX1120X
Zone 1, Category 2, Group II GD, EEx d IIC/EEx e II

CMP Products Ltd Adapters per SIRA 01ATEX1284U
Zone 1, Category 2, Group II GD, Ex d IIC/Ex e II

Raxton Limited Adapters per SIRA 00ATEX1073U
Zone 1, Category 2, Group II GD, EEx de I/IIC

Redapt Limited Adapters per SIRA 00ATEX1094
Zone 1, Category 2, Group II GD, EEx de IIC
Compliance of the GS16 Gas Metering System to the ATEX Directive for Zone 2, Category 3, Group II G, is based upon the individually compliant components and their assembly into the gas metering system as follows:

Woodward GS16
Zone 2, Category 3, Group II G, Ex nA IIC T3

Amphenol Industrial Star-Line EX Connectors per SIRA 03ATEX1101X
Zone 1, Category 2, Group II GD, EEx de IIC T6 IP68

Amphenol Industrial EX-20 Cable Glands per SIRA 05ATEX1120X
Zone 1, Category 2, Group II GD, EEx d IIC/EEx e II IP68

Amphenol Industrial EX-25 Cable Glands per SIRA 05ATEX1122X
Zone 1, Category 2, Group II GD, EEx d IIC/EEx e II IP68

CMP Products Ltd Adapters per SIRA 01ATEX1284U
Zone 1, Category 2, Group II GD, Ex d IIC/Ex e II

Raxton Limited Adapters per SIRA 00ATEX1073U
Zone 1, Category 2, Group II GD, EEx de I/IIC

Redapt Limited Adapters per SIRA 00ATEX1094
Zone 1, Category 2, Group II GD, EEx de IIC

Other European Compliance:

Compliance with the following European Directives or standards does not contribute to the application of the CE Marking to the GS16 Gas Metering System:

Machinery Directive: The GS16 Gas Metering System is compliant as a component with 98/37/EC COUNCIL DIRECTIVE of 23 July 1998 on the approximation of the laws of the Member States relating to machinery.

Special Conditions for Safe Use

1. Refer to the Woodward GS16 manual for Special Conditions for Safe Use for the GS16 valve.
2. Operating ambient temperature range of the GS16 Gas Metering System:
Zone 1 applications: –20 to +40 °C
Zone 2 applications: –20 to +80 °C
3. Fuel temperature range:
–29 to +93 °C
4. Fuel pressure range:
5–750 psig (0,35–51,7 bar-g)
5. After installation, prior to use, check all cable glands and connections, and ensure that all connections, including cable entries, are secure.
6. Special conditions for safe use are detailed in each manufacturer's installation manual which may be obtained from them directly. Special conditions that may be applicable to this product include:

Amphenol Star-Line EX Connectors:

1. The panel-mounted variant shall be installed in suitably certified and dimensioned flameproof equipment when its certificate allows such installation.
2. The panel-mounted variant may only be fitted in an increased safety enclosure when the free internal space is filled with epoxy resin and when the enclosure certificate allows such installation. An electric strength test in accordance with EN50019:2000 clause 7.1 is required on each unit after installation of the epoxy resin.

Amphenol Cable Glands (EX-20 and EX-25):

1. These glands must not be used with EExd IIC enclosures with a volume greater than 2 liters.
2. These glands must not be used with enclosures where the temperature at the point of mounting exceeds -20 to $+85$ °C using neoprene seals or -60 to $+180$ °C using silicone seals.
3. Where the glands are used with unarmored, braided or screened cables, they must be used on fixed installations, and the cable must be clamped near the gland to avoid pulling and twisting.
4. Where sealing and retention is required by gripping cable sheaths, with armor/screen/braid being clamped inside the terminating equipment, the glands must only be used on fixed installations, and the cable must be clamped near the gland to avoid pulling and twisting.
5. An ingress protection rating of IP68 is assigned to the EX-20 cable glands provided that at the interface the surface is flat, the hole for the equipment is drilled straight to an appropriate diameter, the limiting temperature is not exceeded and the chemical resistance properties of the O-rings or sealing washers are suitable for the intended application.
6. When the gland is used with increased safety, the entry thread shall be suitably sealed to maintain the ingress protection rating of the associated enclosure.

CMP Adaptors:

For Type 787 Right Angle Adapters: Maximum installation torque for an M25 male thread is 53 N·m.

**WARNING**

Due to the hazardous location listings associated with this product, proper wiring practices are critical to operation. Check all cable glands and connections after installation, prior to use to ensure that all connections are secure.

Proper torque is very important to ensure that the valve covers and all cable glands and connectors are properly installed.



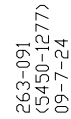


Figure 2. Installation Drawing, GS6/16 EX D Power Connector harness

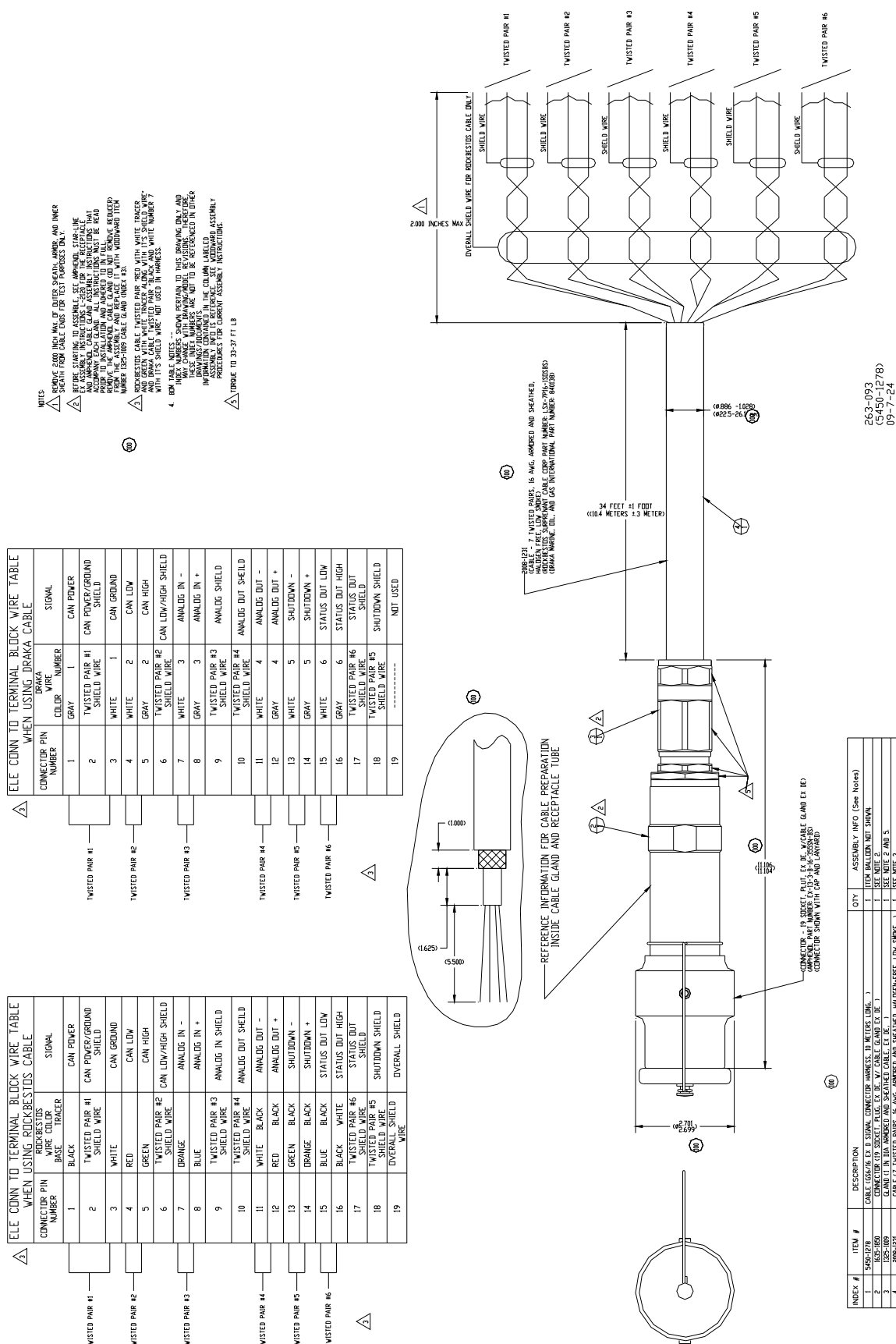




Figure 3. Installation Drawing, GS6/16 EX D Signal Connector Harness

Declarations

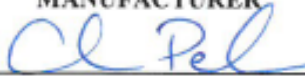
EU DECLARATION OF CONFORMITY

EU DoC No.: 00274-04-EU-02-02
Manufacturer's Name: WOODWARD INC.
Manufacturer's Contact Address: 1041 Woodward Way
Fort Collins, CO 80524 USA
Model Name(s)/Number(s): GS16 Gas Fuel Metering Valves
The object of the declaration described above is in conformity with the following relevant Union harmonization legislation: Directive 94/9/EC (until April 19th, 2016) and Directive 2014/34/EU (from April 20th, 2016) on the harmonisation of the laws of the Member States relating to equipment and protective systems intended for use in potentially explosive atmospheres
Directive 97/23/EC (until July 18th, 2016) and Directive 2014/68/EU (from July 19th, 2016) on the harmonisation of the laws of the Member States relating to the making available on the market of pressure equipment
PED Category II
Directive 2014/30/EU of the European Parliament and of the Council of 26 February 2014 on the harmonization of the laws of the Member States relating to electromagnetic compatibility (EMC)
Markings in addition to CE marking:  Category 2, Group II G, Ex d IIB T3 Gb, IP56 or  Category 3 Group II G, Ex nA IIC T3 Gc, IP56
Applicable Standards: ASME B31.3 Process Piping, 2008
ASME Boiler and Pressure Vessel Code VIII, Div. 1, 2010
EN 60079-0, 2012: Electrical apparatus for explosive gas atmospheres – Part 0: General Requirements
EN 60079-1, 2007: Electrical apparatus for explosive gas atmospheres – Part 15: Type of protection 'd'
EN 60079-15, 2005: Electrical apparatus for explosive gas atmospheres – Part 15: Type of protection 'n'
EN 13463-1:2006; Non-electrical equipment for potentially explosive atmospheres, Part 1: Basic method and requirements
EN 61000-6-4, 2011/A1 :2011: EMC Part 6-4: Generic Standards - Emissions for Industrial Environments
EN 61000-6-2, 2007: EMC Part 6-2: Generic Standards - Immunity for Industrial Environments
Third Party Certification: TUV 13 ATEX 7404X (Zone 1 d)
TUV 13 ATEX 7409X (Zone 2 nA)
Conformity Assessment: ATEX Annex IV - Production Quality Assessment, 01 220 113542
TUV Rheinland Industrie Service GmbH (0035)
Am Grauen Stein, D51105 Cologne
PED Module H – Full Quality Assurance,
CE-0041-PED-H-WDI 001-16-USA, Bureau Veritas UK Ltd (0041)
Parklands, 825a Wilmslow Road, Didsbury, M20 2RE Manchester

This declaration of conformity is issued under the sole responsibility of the manufacturer
We, the undersigned, hereby declare that the equipment specified above conforms to the above Directive(s).

MANUFACTURER

Signature



Christopher Perkins

Full Name

Engineering Manager

Position

Woodward, Fort Collins, CO, USA

Place

Date

14 - APR - 2016

**DECLARATION OF INCORPORATION
Of Partly Completed Machinery
2006/42/EC**

File name: 00274-04-EU-02-01
Manufacturer's Name: WOODWARD INC.

Contact Address: 1041 Woodward Way
Fort Collins, CO 80524 USA

Model Names: GS16 Gas Fuel Metering Valves

**This product complies, where
applicable, with the following
Essential Requirements of Annex I:** 1.1, 1.2, 1.3, 1.5, 1.6, 1.7

The relevant technical documentation is compiled in accordance with part B of Annex VII. Woodward shall transmit relevant information if required by a reasoned request by the national authorities. The method of transmittal shall be agreed upon by the applicable parties.

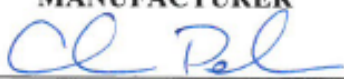
The person authorized to compile the technical documentation:

Name: Dominik Kania, Managing Director
Address: Woodward Poland Sp. z o.o., ul. Skarbowa 32, 32-005 Niepolomice, Poland

This product must not be put into service until the final machinery into which it is to be incorporated has been declared in conformity with the provisions of this Directive, where appropriate.

The undersigned hereby declares, on behalf of Woodward Inc. of Loveland and Fort Collins, Colorado that the above referenced product is in conformity with Directive 2006/42/EC as partly completed machinery:

MANUFACTURER



Signature

Christopher Perkins

Full Name

Engineering Manager

Position

Woodward Inc., Fort Collins, CO, USA

Place

12-APR-2016

Date

AMPHENOL CORPORATION
AMPHENOL INDUSTRIAL
Nogales, Sonora, MX

EC DECLARATION OF CONFORMITY

Amphenol Industrial declares under our sole responsibility that the product(s) listed below conform with the relevant provisions of directive 94/9/EC of 23 March 1994.

Products: Cable Attachments (Plugs, Sockets, Glands and Fittings)

Notified Body: Sira Certification Service (0518)
Rake Lane
Eccleston
Chester, England
CH4 9JN

Conformity has been demonstrated with reference to the following documentation:

EC type-examination certificate Sira 03ATEX1101X
Quality Assurance Notification Sira 05 ATEX M341

D. Williams 28 September 2005

D Williams
ATEX Coordinator
Amphenol Industrial

QDF Q-V65 Nogales
Rev. 09-28-05
(Form available on-line: Quality/QDF released Forms/QDF Q-V65 Nogales)

SHIP THIS DOCUMENT WITH PARTS.

AMPHENOL CORPORATION
AMPHENOL INDUSTRIAL
Nogales, Sonora, MX

EC DECLARATION OF CONFORMITY

Amphenol Industrial declares under our sole responsibility that the product(s) listed below conform with the relevant provisions of directive 94/9/EC of 23 March 1994.

Products: Cable Glands

Notified Body: Sira Certification Service (0518)
Rake Lane
Eccleston
Chester, England
CH4 9JN

Conformity has been demonstrated with reference to the following documentation:

EC type-examination certificate Sira 05ATEX1122X

D. Williams 01 July 2007

D Williams
ATEX / IECEX Mgr
Amphenol Industrial

SHIP THIS DOCUMENT WITH PARTS.

AMPHENOL CORPORATION
AMPHENOL INDUSTRIAL
Nogales, Sonora, MX

EC DECLARATION OF CONFORMITY

Amphenol Industrial declares under our sole responsibility that the product(s) listed below conform with the relevant provisions of directive 94/9/EC of 23 March 1994.

Products: Cable Glands

Notified Body: Sira Certification Service (0518)
Rake Lane
Eccleston
Chester, England
CH4 9JN

Conformity has been demonstrated with reference to the following documentation:

EC type-examination certificate Sira 05ATEX1120X

D. Williams 01 July 2007

D Williams
ATEX / IECEX Mgr
Amphenol Industrial

SHIP THIS DOCUMENT WITH PARTS.



CMP PRODUCTS
GLASSHOUSE STREET, ST. PETERS,
NEWCASTLE UPON TYNE, NE6 1BS.
ENGLAND
TELEPHONE : +44 (191) 265 7411
FACSIMILE : +44 (191) 265 0581

EC DECLARATION OF CONFORMITY

CMP Products declares that the range of products listed below complies with the requirements of the Low Voltage Directive 73/23/EEC and, where applicable, the ATEX Directive 94/9/EC. Products for hazardous areas have been type approved by SIRA Certification Services. Attention is drawn to special conditions of use for each product. This information is available in the installation leaflets and at www.CMP-Products.com

Industrial Products

Cable Glands	Standards to which Conformity is Declared
Type A2, BW, BWL, C*, CXT, SS2KGP, A2RC, E** and derivatives including ZEN insulated glands.	BS 6121:Part 1: 1989 (Mechanical Cable Glands), EN50262 (Metric Cable Glands, not BW or BWL glands)

Adaptors, reducers, unions, etc.	Standards to which Conformity is Declared
Type 737, 747, 757, 767, 777, 780, 781, 787, 797	BS 6121: Part 1: 1989, EN50262:1999

Cable cleats	Standards to which Conformity is Declared
Type Unicleat, Uniclamp	BS EN 50368:2003

Hazardous Area Products

Cable Glands for Hazardous Areas	Standards to which Conformity is Declared
C** Certificate number SIRA 06ATEX1097X & SIRA 07ATEX4326X	EN 60079-0:2006, EN 60079-1:2004, EN 60079-7:2003, EN 61241-0:2004, EN 61241-1:2004 BS 6121 (Mechanical Cable Glands), EN50262 (Metric Cable Glands)
A2F, A2FRC, SS2K, E**, PX** Certificate number SIRA 06ATEX1097X & SIRA 07ATEX4326X	EN 60079-0:2006, EN 60079-1:2004, EN 60079-7:2003, EN 61241-0:2004, EN 61241-1:2004, EN 60079-15:2005, BS 6121 (Mechanical Cable Glands), EN50262 (Metric Cable Glands)
T3CDS, T3CDS/PB Certificate number SIRA 06ATEX1283X & SIRA 07ATEX4328X	EN 60079-0:2006, EN 60079-1:2004, EN 60079-7:2003, EN 61241-0:2004, EN 61241-1:2004, EN 60079-15:2005, BS 6121 (Mechanical Cable Glands), EN50262 (Metric Cable Glands)
TMC and TMCX Certificate number SIRA 07ATEX1122X	EN 60079-0:2006, EN 60079-1:2004, EN 60079-7:2003, EN 61241-0:2004, EN 61241-1:2004, EN 60079-15:2005, BS 6121 (Mechanical Cable Glands), EN50262 (Metric Cable Glands)

Cable Glands, blanking and adaptor flanges for use in Group I Hazardous Areas	Standards to which Conformity is Declared
E1FW/F, E1FT/F, E1FT, TR/F, TR, WR/F, AR/F MA/FT, MA/B Blanking and Adaptor flanges Certificate number SIRA02 ATEX3421U	EN 60079-0:2006, EN 60079-1:2004, EN 60079-7:2003 (Certification was carried out to EN 50014:1997, EN50018:2000 and EN50019:2000, but no changes were made in the later standards to affect the compliance of these products.)

Adaptors, reducers, unions, stopping plugs and breather / drain plugs	Standards to which Conformity is Declared
Type 737, 747, 757, 767, 797, MA/TF Certificate number SIRA 02ATEX1003X	EN 60079-0:2006, EN 60079-1:2004, EN 60079-7:2003, EN50281-1-1:1998
Type 737, 747, 757, 767, 780, 781, 787, 797 Certificate number SIRA 01ATEX1284U	

Notified Body Name & Address :
SIRA Certification Service
Rake Lane,
Eccleston
Chester
CH4 9JN, United Kingdom
Notified body number 0518

G. I. Mood
Dr. G. I. Mood
Authorised Person

Document Reference : DC07001 Iss 11
06/11/2008



SUPPLIERS OF QUALITY ELECTRICAL PRODUCTS TO INDUSTRY
COMPREHENSIVE CERTIFICATION INCLUDING ATEX/CENELEC
QUALITY SYSTEM THIRD PARTY ACCREDITED TO ISO 9001:2000

Registered Office as above. Registered in England no. 167542 VAT Reg No. GB 555 8517 12
A DIVISION OF BRITISH ENGINES LTD



INVESTOR IN PEOPLE



EC SUPPLIER DECLARATION OF CONFORMITY

(IN ACCORDANCE WITH EN 45014:1998)

RAXTON LIMITED DECLARES UNDER OUR SOLE RESPONSIBILITY THAT THE PRODUCT(S) LISTED OVERLEAF CONFORM TO THE RELEVANT PROVISIONS OF DIRECTIVE 94/9/EC OF 23RD MARCH 1994.

QUALITY ASSURANCE NOTIFICATION - SIRA 02 ATEX M207.

NOTIFIED BODY - SIRA CERTIFICATION, CHESTER, CH4 9JN.

QUALITY SYSTEM - BS EN ISO 9001 : 2000 CERTIFICATE 22731.

ISSUED & MAINTAINED BY - BVQI LIMITED, LONDON, SE1 2TX.

COMPLIANCE WITH ESSENTIAL HEALTH & SAFETY REQUIREMENTS HAS BEEN ASSESSED BY REFERENCE TO ONE OR MORE OF THE FOLLOWING STANDARDS.

Conformity of Products at assessment : EN 50014:1997 + rev 1 & 2, EN 50018:2002
EN 50019:2000, EN 50281-1-1:1998

Current Conformity of Products

Products	Product Type	Certificate Nos.	Ex Notified Body No.
Adaptors	AB, AJ	SIRA 00ATEX1073U	0518
Reducers	BB, BJ	SIRA 00ATEX1073U	0518
Stopping Plugs	CF,CB,CK,CQ	SIRA 00ATEX1073U	0518
Right Angle Adaptors	FG,FN	SIRA 00ATEX1073U	0518
Unions	FB,FL	SIRA 00ATEX1073U	0518
Male x Male	AR	SIRA 00ATEX1073U	0518
Female x Female	AU, AX	SIRA 00ATEX1073U	0518
Breather Drain Plug e	CV	SIRA 00ATEX3074U	0518
Breather Drain Plug d	CT	SIRA 08ATEX1288U	0518

The items referenced above have been assessed to the latest requirements contained within EN60079-0:2006, EN60079-1:2007 and EN50281-1-1:1999, and I can confirm that they conform to those requirements.

Products	Product Type	Certificate Nos.	Ex Notified Body No.
Compound Stopper Box	EG	SIRA 00ATEX1073U	0518
Earth Lead Adaptors	DG	SIRA 00ATEX1073U	0518
Threaded Earth Plate	DK	SIRA 00ATEX1073U	0518
Nylon Adaptors	AJ	SIRA 00ATEX1073U	0518
Nylon Reducers	BJ	SIRA 00ATEX1073U	0518
Insulated Adaptors	DB	SIRA 00ATEX1073U	0518
Nylon Cable Glands	EB	SIRA 00ATEX1072X	0518
Metallic Cable Glands	AG,DW,DX,EX,EW	SIRA 00ATEX1072X	0518

Conform to the requirements contained within EN60079-0:2004, EN60079-1:2003 and EN50281-1-1:1998. (These Standards are harmonised and anticipated to remain so until 2010).

A review of the certification of these items to the later issues of the Standards will be conducted prior to the withdrawal of harmonisation of the earlier editions.

Keith Wild
Technical Manager
(Authorised Person)

Document Ref : EC.SDC.ATEX
Rev. 3 April 2009

I confirm that the Order referenced overleaf has been actioned in accordance with appropriate requirements, the products supplied are manufactured strictly within the terms of approval and the quality has been ratified to acceptance standards.

SIGNED:

DATE: 11/5/09

M.K. WILD (Quality Manager)
I.E. ADAMS (Quality Administrator)
A. GARCHA (Quality Control)
A. PEARSE (Sales Administrator)
M. RUSHTON (Logistics Manager)

REDAPT

Thread Conversion Specialists

REDAPT ENGINEERING COMPANY LTD, UNIT 46 & 47, DARLASTON CENTRAL TRADING ESTATE,
SALISBURY STREET, DARLASTON WS10 8XB, GREAT BRITAIN

TEL: +44 (0)121 526 7058 FAX: +44 (0)121 526 5076

E-MAIL: redapt@redapt.co.uk. WEB SITE: www.redapt.co.uk

EC Declaration of Conformity

Name: Redapt Engineering Company Limited

Address: Units 46 & 47, Darlaston Central Trading Estate
Salisbury Street, Darlaston
West Midlands
WS10 8XB
United Kingdom

Equipment Description

A range of Adaptors, Reducers, Unions, Stopping Plugs, and Breather Drains with the following Series codes: -

AD-U, RD-U, AD-D, RD-D, AD-E, RD-E, AD-E-4, RD-E-4, AO-E, RO-E, AO-E-4, RO-E-4, AI-D, AR-D, AM-D, AE-E, UN-D, UF-D, PD-U, PD-E, PD-E-4, PA-D, PB-D, DP-E, PH-E,

The above products have been examined and awarded EC-Type Examination Certificates as required by EC Directive 94/9/EC. They fulfil the provisions applicable to Group I, Category M2 and/or Group II Category 2 and are suitable for their intended uses as described in the individual certificates. They are un-powered and passive and will, when installed as prescribed in the relevant installation instructions, maintain the integrity of an installation under foreseeable operating conditions.

Certifying Notified Body

Body: Sira Certification Service
ID Number: 0518
Address: Hazardous Area Centre
Rake Lane, Ecclestone
Chester
CH4 9JN
England

Covering Certificate Numbers: -

SIRA 99ATEX1113	SIRA 99ATEX1114X	SIRA 99ATEX1115U
SIRA 99ATEX1117U	SIRA 99ATEX1183U	SIRA 99ATEX1195U
SIRA 99ATEX1196U	SIRA 99ATEX3050U	SIRA 99ATEX3116U
SIRA 99ATEX3118U	SIRA 99ATEX3182U	SIRA 99ATEX3194U
SIRA 00ATEX1094	SIRA 00ATEX1096	SIRA 00ATEX1097
SIRA 00ATEX1098	SIRA 00ATEX3091	SIRA 00ATEX3092
SIRA 00ATEX3093	SIRA 00ATEX3095	

Declaration

Redapt Engineering Company Limited is the manufacturer of the equipment described. Where applicable, the products described above are in conformity with EN 50014: 1997 (amendments 1 & 2), EN 50018: 1994, EN50019: 1994, EN50281-1-1: 1998 and PrA1 EN 50018:1998. On comparing these standards to the new EN 60079-0:2006, EN 60079-1:2004 and EN 60079-7:2003 series of standards, there are no changes that will effect compliance of our equipment.

Darlaston, UK. 22nd April 2008



Name: Richard J. Ward
Authorised Person
Redapt Engineering Company Limited



We appreciate your comments about the content of our publications.

Send comments to: icinfo@woodward.com

Please reference publication **26514sup.**



B 2 6 1 4 S U P : A



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1041 Woodward Way, Fort Collins CO 80524, USA
Phone +1 (970) 482-5811

Email and Website—www.woodward.com

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as well as authorized distributors and other authorized service and sales facilities throughout the world.

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