

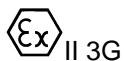


Type Examination Certificate **CML 19ATEX4092X Issue 0**

- 1 Equipment intended for use in Potentially Explosive Atmospheres Directive 2014/34/EU
- 2 Equipment **SPMH and SPHH ranges of Stopping Plugs
AR, ARMM and ARFF ranges of Adaptors and Reducers**
- 3 Manufacturer **Peppers Cable Glands Limited**
- 4 Address **Stanhope Road,
Camberley, Surrey,
GU15 3BT
United Kingdom**
- 5 The equipment is specified in the description of this certificate and the documents to which it refers.
- 6 CML B.V., Chamber of Commerce No 6738671, Hoogoorddreef 15, Amsterdam, 1101 BA, The Netherlands, certifies that this equipment has been found to comply with the Essential Health and Safety Requirements relating to the design of equipment intended for use in potentially explosive atmospheres given in Annex II of Directive 2014/34/EU.
The examination and test results are recorded in the confidential reports listed in Section 12.
- 7 If an 'X' suffix appears after the certificate number, it indicates that the equipment is subject to conditions of certification (affecting correct installation or safe use). These are specified in Section 14.
- 8 This Type Examination certificate relates only to the design and construction of the specified equipment or component. Further requirements of Directive 2014/34/EU Annex VIII apply to the manufacture of the equipment or component.
- 9 Compliance with the Essential Health and Safety Requirements, with the exception of those listed in the confidential report, has been demonstrated through compliance with the following documents:

EN 60079-0:2018 IEC 60079-15:2017

- 10 The equipment shall be marked with the following:



II 3G

Ex nR IIC Gc

* Refer to description for ambient

R C Marshall
Certification Officer



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11 Description

SPMH and SPHH ranges of Stopping Plugs

The Stopping Plugs comprise a cylindrical body, partly threaded at one end with a male thread. They are intended to fill unused cable entries in associated apparatus. The Stopping Plugs may also be fitted with an optional O-ring seal.

The products are manufactured with the following external profiles and assigned the following prefix type designations:

SPHH Series	Hexagonal head
SPMH Series	Round dome head, with an external hexagonal socket recess

The products are manufactured with the following threadform options:

ISO Metric	ISO 965-1:2013 and ISO 965-3 - M12 to M100
NPT and NPSM	ANSI/ASME B1.20.1:1983 (R2001) - ¼" to 4"
BSPP	BS EN ISO 228-1 - ¼" to 4"
BSPT	BS21:1985 - ¼" to 4"
PG	DIN 40430 – 7 / 9 / 11 / 13.5 / 16 / 21 / 29 / 36 / 42 / 48
PG48F	NF C 68-312
ET conduit	BS 31:1940 - 5/8" to 3

Note: All threads are manufactured in accordance with EN 60079-1:2014 clauses 5.3 and C.2.2 (as applicable).

Note: The Stopping Plugs may be manufactured with other threadforms and pitches, provided that they are in accordance with the applicable requirements of EN 60079-1:2014 clause 5.3 and C.2.2.



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Design Options:

O-Ring seals

O-Ring seal materials fitted to male threadforms may be provided in the following materials to suit the application:

Nitrile
Silicone
Viton
Neoprene
Flurorosilicone
EPDM

Material of manufacture and marking

The Stopping Plugs may be manufactured from the following materials:

Brass	CW614N (CuZn 39Pb3)/ CZ121 3Pb, Ecobrass C69300/ C87850
Aluminium*	AW 6082 T6 AISI 1MgMn
Stainless Steel	1.4404/ 316L S11, 1.4401/ 316 S31, 1.4301/ 304, 1.4305/ 303

Surface coating

The products may additionally be metal plated with either: Nickel, Zinc or Anodised (0.008 mm thick max.) to suit the application.



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Product Type Reference

The product type reference is derived from the following options:

A-B-C-D-E-F	SPMH and SPHH	
A - Product Type		
SPMH	Mushroom head stopping plug	
SPHH	Hexagon head stopping plug	
B - IP Seal code		
0	No seal fitted	(-100°C to +400°C)
1	Nitrile O-ring	(-30°C to +100°C)
2	Neoprene O-ring	(-35°C to +90°C)
3	Silicone O-ring	(-60°C to +200°C)
4	Fluorosilicone O-ring	(-55°C to +200°C)
5	Viton O-ring	(-20°C to +180°C)
6	EPDM O-ring	(-50°C to +110°C)
C - Material of manufacture		
A	Aluminium	
B	Brass	
S	Stainless Steel	
D - Protection concept code		
E - Plating		
--	Not plated	
AN	Anodised	
NP	Nickel Plated	
ZP	Zinc	
F- Thread Size		
	Metric	
	NPT / NPSM / . BSPT / BSPP / PG	
	NF C 68-312	
	ET	



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Degree of protection

The Stopping Plugs, when installed in accordance with the manufacturer's instructions, are capable of providing, with an enclosure on which they are fixed, an ingress protection as defined in the table below.

Plug Type	Entry Hole Type	IP6X	IPX6	IPX8*
SPMH parallel thread	Threaded or Clearance	X	X	
SPHH parallel thread	Threaded or Clearance	X	X	
SPMH parallel thread with sealing ring	Threaded or Clearance	X	X	X
SPHH parallel thread with sealing ring	Threaded or Clearance	X	X	X
SPMH tapered thread	Threaded or Clearance	X	X	
SPHH tapered thread	Threaded or Clearance	X	X	
SPMH tapered thread with sealing ring	Threaded	X	X	
SPHH tapered thread with sealing ring	Threaded	X	X	
SPMH tapered thread with sealing ring	Clearance	X	X	X
SPHH tapered thread with sealing ring	Clearance	X	X	X

* IPX8 100 m 7 days

When installed in unthreaded clearance holes, SPMH and SPHH stopping plugs shall be secured with an appropriate locknut and installed in accordance with the manufacturer's instructions

Restricted breathing

SPMH and SPHH Stopping Plugs with tapered threads provide a restricted breathing seal.

SPMH and SPHH Stopping Plugs with parallel threads and fitted with appropriate sealing rings provide a restricted breathing seal.

SPMH and SPHH Stopping Plugs with tapered or parallel threads, installed into unthreaded entry holes and fitted with appropriate sealing rings provide a restricted breathing seal.

Notes:

-) Sira 09ATEX1320X, Sira 09ATEX4323X and IECEx SIR 09.0131X are superseded by certificates CML 19ATEX1089X, CML 19ATEX4092X and IECEx CML 19.0022X.
-) The product covered by Issue 0 of this certificate remains identical to that previously covered by Sira 09ATEX1320X, Sira 09ATEX4323X and IECEx SIR 09.0131X.
-) Where Sira 09ATEX1320X and/or Sira 09ATEX4323X and/or IECEx SIR 09.0131X is specified in other product certification, or other technical specifications, this certificate reference for the product shall be used in its place; updating of the other product certificate or technical specification is not required.



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AR, ARMM and ARFF ranges of Adaptors and Reducers

The range of Adaptors and Reducers (Type 'AR') comprise a hollow hexagonal body, partly threaded at each end, one end having a male thread and the other a female thread. The Adaptors and Reducers are used to convert an existing threaded cable entry aperture to a different threadform and/or size. The Adaptors and Reducers may be machined with the threadforms and/or combinations as listed below. Their thread sizes are within the ranges specified but are limited based upon thread combinations certified within the manufacturer's documentation. Adaptors and reducers may also be fitted with an optional O-ring seal.

The products are manufactured with the following threadform options:

ISO Metric	ISO 965-1:2013 and ISO 965-3 - M16 to M100
NPT and NPSM	ANSI/ASME B1.20.1:1983 (R2001) - ¼" to 4"
BSPP	BS EN ISO 228-1 - ¼" to 4"
BSPT	BS21:1985 - ¼" to 4"
PG	DIN 40430 – 7 / 9 / 11 / 13.5 / 16 / 21 / 29 / 36 / 42 / 48
PG48F	NF C 68-312

Note: All threads are manufactured in accordance with EN 60079-1:2014 clauses 5.3 and C.2.2 (as applicable).

Note: The Adapters and Reducers may be manufactured with other threadforms and pitches, provided that they are in accordance with the applicable requirements of EN 60079-1:2014 clause 5.3 and C.2.2.

Design Options:

O-Ring seals

O-Ring seal materials fitted to male threadforms may be provided in the following materials to suit the application:

Nitrile
Silicone
Viton
Neoprene
Flurorosilicone
EPDM



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Material of manufacture and marking

The Adaptors/Reducers may be manufactured from the following materials:

Brass	CW614N (CuZn 39Pb3)/ CZ121 3Pb, Ecobrass C69300/ C87850
Aluminium*	AW 6082 T6 AISI 1MgMn
Stainless Steel	1.4404/ 316L S11, 1.4401/ 316 S31, 1.4301/ 304, 1.4305/ 303

*Not suitable for Group I use

Surface coating

The products may additionally be metal plated with either: Nickel, Zinc or Anodised (0.008 mm thick max.) to suit the application.

Product Type Reference

The product type reference is derived from the following options:

A-B-C-D-E-F-G		
A - Product Type		
AR	Adaptor/Reducer Type	
ARMM		
ARFF		
B - IP Seal code		
0	No seal fitted	(-100°C to +400°C)
1	Nitrile O-ring	(-30°C to +100°C)
2	Neoprene O-ring	(-35°C to +90°C)
3	Silicone O-ring	(-60°C to +200°C)
4	Fluorosilicone O-ring	(-55°C to +200°C)
5	Viton O-ring	(-20°C to +180°C)
6	EPDM O-ring	(-50°C to +110°C)
C - Material of manufacture		
A	Aluminium	
B	Brass	
S	Stainless Steel	
D - Protection concept code		
E - Plating		
--	Not plated	
AN	Anodised	
NP	Nickel Plated	
ZP	Zinc	
F - Male thread (female for ARFF) size and type		
G - Female thread (male for ARMM) size and type		



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Degree of protection

The Adaptors and Reducers, when installed in accordance with the manufacturer's instructions, are capable of providing, with an enclosure on which they are fixed, an ingress protection rating of IP 66.

The Adaptors and Reducers with parallel threads and fitted with sealing rings, when installed in accordance with the manufacturer's instructions, are capable of providing, with an enclosure on which they are fixed, an ingress protection rating of IP 66 / IPX8 to 100 m for 7 days.

The Adaptors and Reducers with tapered threads, fitted with sealing rings and installed in clearance holes, when installed in accordance with the manufacturer's instructions, are capable of providing, with an enclosure on which they are fixed, an ingress protection rating of IP 66 / IPX8 to 100 m for 7 days

Restricted breathing

AR, ARMM and ARFF Adaptors and Reducers with tapered threads provide a restricted breathing seal.

AR, ARMM and ARFF Adaptors and Reducers with parallel threads and fitted with appropriate sealing rings provide a restricted breathing seal.

AR, ARMM and ARFF Adaptors and reducers with tapered or parallel threads, installed into unthreaded entry holes and fitted with appropriate sealing rings provide a restricted breathing seal.

Arrangements

The following arrangements are permitted:

Sizes marked * have a larger hexagon size where a sealing washer is required.



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		Female Thread																																							
		Metric																																							
		M16	M20	M25	M32	M40	M50	M63	M75	M80	M85	M90	M100																												
Male Thread	Metric	M16	A	A																																					
		M20	R	A	A	A																																			
		M25	R	R	A	A	A																																		
		M32	R	R	R	A	A	A																																	
		M40	R	R	R	R	A	A	A																																
		M50	R	R	R	R	R	A	A	A																															
		M63	R	R	R	R	R	R	A	A	A																														
		M75	R	R	R	R	R	R	R	R	A	A																													
		M80	R	R	R	R	R	R	R	R	R	A	A																												
		M85	R	R	R	R	R	R	R	R	R	R	A	A																											
		M90	R	R	R	R	R	R	R	R	R	R	R	A	A																										
		M100	R	R	R	R	R	R	R	R	R	R	R	R	R	A																									
	NPT / NPSM / BSPT / BSPP	1/2"	R*	A*	A	A																																			
		3/4"	R*	R*	A*	A	A																																		
		1"	R*	R*	R*	A*	A	A																																	
		1 1/4"	R*	R*	R*	R*	A*	A	A																																
		1 1/2"	R*	R*	R*	R*	R*	A	A	A																															
		2"	R*	R*	R*	R*	R*	R*	A	A	A																														
		2 1/2"	R	R	R	R	R	R	R	R	R	A	A	A																											
		3"	R*	R*	R*	R*	R*	R*	R*	R*	R*	A*	A	A	A																										
		3 1/2"	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*																									
		4"	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*																								
		PG	PG9	A	A																																				
	PG11		A	A	A	A																																			
	PG13.5		R	A	A	A																																			
	PG16		R	A	A	A	A																																		
	PG21		R	R	A	A	A	A																																	
	PG29		R	R	R	R	A	A	A																																
	PG36		R	R	R	R	R	A	A	A																															
	PG42		R	R	R	R	R	A	A	A	A																														
	PG48		R	R	R	R	R	R	A	A	A	A																													



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		Female Thread																			
		NPT / NPSM / BSPT / BSPP																			
		1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	3 1/2"	4"										
Male Thread	Metric	M16	A																		
		M20	A	A	A	A															
		M25	R	A	A	A															
		M32	R	R	A	A	A														
		M40	R	R	R	A	A	A													
		M50	R	R	R	R	A	A	A												
		M63	R	R	R	R	R	A	A												
		M75	R	R	R	R	R	R	A	A	A										
		M80	R	R	R	R	R	R	A	A	A										
		M85	R	R	R	R	R	R	R	R	A	A									
		M90	R	R	R	R	R	R	R	R	A	A	A								
	M100	R	R	R	R	R	R	R	R	R	A	A	A								
	NPT / NPSM / BSPT / BSPP	1/2"	A*	A	A																
		3/4"	R*	A*	A	A															
		1"	R*	R*	A*	A	A														
		1 1/4"	R*	R*	R*	A*	A	A													
		1 1/2"	R*	R*	R*	R*	A	A	A												
		2"	R*	R*	R*	R*	R*	A	A	A											
		2 1/2"	R	R	R	R	R	R	A	A	A										
		3"	R*	R*	R*	R*	R*	R*	R*	R*	A	A	A								
		4"	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	A	A	A					
	PG	PG9	A																		
		PG11	A	A	A																
		PG13.5	A	A	A																
		PG16	A	A	A	A															
		PG21	R	A	A	A	A														
		PG29	R	R	A	A	A	A													
		PG36	R	R	R	A	A	A	A												
		PG42	R	R	R	R	R	A	A												
	PG48	R	R	R	R	R	A	A													



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		Female Thread									
		PG									
		PG9	PG11	PG13.5	PG16	PG21	PG29	PG36	PG42	PG48	
Male Thread	Metric	M16	A	A	A						
		M20	R	A	A	A	A				
		M25	R	R	R	A	A	A			
		M32	R	R	R	R	A	A	A		
		M40	R	R	R	R	R	A	A	A	
		M50	R	R	R	R	R	R	A	A	A
		M63	R	R	R	R	R	R	R	R	A
		M75	R	R	R	R	R	R	R	R	R
		M80	R	R	R	R	R	R	R	R	R
		M85	R	R	R	R	R	R	R	R	R
		M90	R	R	R	R	R	R	R	R	R
	M100	R	R	R	R	R	R	R	R	R	
	NPT / NPSM / BSPT / BSPP	1/2"	R*	A*	A*	A					
		3/4"	R	R	R	A	A	A			
		1"	R	R	R	R	A	A	A		
		1 1/4"	R	R	R	R	R	A	A	A	
		1 1/2"	R	R	R	R	R	R	A	A	A
		2"	R	R	R	R	R	R	R	R	A
		2 1/2"	R	R	R	R	R	R	R	R	R
		3"	R	R	R	R	R	R	R	R	R
		3 1/2"	R	R	R	R	R	R	R	R	R
		4"	R	R	R	R	R	R	R	R	R
	PG	PG9	A	A	A	A					
		PG11	A	A	A	A	A				
		PG13.5	R	A	A	A	A				
		PG16	R	R	A	A	A	A			
		PG21	R	R	R	R	A	A	A		
		PG29	R	R	R	R	R	A	A	A	
		PG36	R	R	R	R	R	R	A	A	A
		PG42	R	R	R	R	R	R	R	A	A
PG48		R	R	R	R	R	R	R	R	A	



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Notes:

-) Sira 09ATEX1322X, Sira 09ATEX4323X and IECEx SIR 09.0131X are superseded by certificates CML 19ATEX1090X, CML 19ATEX4092X and IECEx CML 19.0022X.
-) The product covered by Issue 0 of this certificate remains identical to that previously covered by Sira 09ATEX1322X, Sira 09ATEX4323X and IECEx SIR 09.0131X.
-) Where Sira 09ATEX1322X and/or Sira 09ATEX4323X and/or IECEx SIR 09.0131X is specified in other product certification, or other technical specifications, this certificate reference for the product shall be used in its place; updating of the other product certificate or technical specification is not required.



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12 Certificate history and evaluation Reports

Issue	Date	Associated report	Notes
0	15 Apr 2019	R12298A/00	Issue of Prime Certificate

Note: Drawings that describe the equipment or component are listed in the Annex.

13 Conditions of Manufacture

None.

14 Specific Conditions of Use (Special Conditions)

The following conditions relate to safe installation and/or use of the equipment.

- i. The stopping plugs shall not be used in conjunction with an adaptor or reducer when installed in a flameproof enclosure.
- ii. The threaded entry component threads without interface O-ring seals that are installed in explosive dust atmospheres, within threaded entries, shall only be fitted into enclosures that have either:
 -) Parallel entries that ensure that a minimum of 5 full threads of contact will be maintained in accordance with clause 5.1.2 of EN 60079-31:2014.
 -) Tapered entries that ensure that a minimum of 3.5 full threads of contact will be maintained in accordance with clause 5.1.2 of EN 60079-31:2014.
- iii. When no seal is fitted and the stopping plug is installed in an increased safety (Ex e) enclosure, the user shall ensure that a minimum degree of protection IP54 is maintained.
- iv. Where Stopping Plugs without sealing rings are installed in protection by enclosure (Ex t) equipment for use in explosive dust atmospheres, they may only be fitted into enclosures offering a minimum of 5 full threads, in accordance with IEC 60079-31:2008 clause 5.1.1.
- v. Adaptors and Reducers shall not to be used for the direct inter-connection of enclosures.
- vi. Only one adaptor or reducer is to be used with any single cable entry on the associated equipment.
- vii. The products are approved for a temperature range at their point of mounting based upon the interface seal:

0	No seal fitted	(-100°C to +400°C)
1	Nitrile O-ring	(-30°C to +100°C)
2	Neoprene O-ring	(-35°C to +90°C)
3	Silicone O-ring	(-60°C to +200°C)
4	Fluorosilicone O-ring	(-55°C to +200°C)
5	Viton O-ring	(-20°C to +180°C)
6	EPDM O-ring	(-50°C to +110°C)

Certificate Annex



Certificate Number CML 19ATEX4092X
Equipment SPMH and SPHH ranges of Stopping Plugs
 AR, ARMM and ARFF ranges of Adaptors and Reducers
Manufacturer Peppers Cable Glands Limited

The following documents describe the equipment or component defined in this certificate:

Issue 0

Drawing No	Sheets	Rev	Approved date	Title
PCG/ATX/S-1	1 of 1	4	15 Apr 2019	ATEX Range Stopping Plug, Mushroom Head – Metric
PCG/ATX/S-2	1 of 1	3	15 Apr 2019	ATEX Range Stopping Plug, Mushroom Head NPT/NPSM/BSPT/BSPP
PCG/ATX/S-3	1 of 1	3	15 Apr 2019	ATEX Range Stopping Plug, Mushroom Head – PG
PCG/ATX/S-4	1 of 1	3	15 Apr 2019	ATEX Range Stopping Plug, Hexagon Head – Metric
PCG/ATX/S-5	1 of 1	4	15 Apr 2019	ATEX Range Stopping Plug, Hexagon Head NPT/NPSM/BSPT/BSPP
PCG/ATX/S-6	1 of 1	3	15 Apr 2019	ATEX Range Stopping Plug, Hexagon Head – PG
PCG/ATX/S-7	1 of 1	2	15 Apr 2019	ATEX Range Stopping Plug, Type A Parallel – Metric/PG/BSPP/NPSM
PCG/ATX/S-8	1 of 1	2	15 Apr 2019	ATEX Range Stopping Plug, Type A Tapered – NPT/BSPT
PCG/ATX/S-9	1 of 1	2	15 Apr 2019	ATEX Range Stopping Plug, Type B Parallel – Metric/PG/BSPP/NPSM
PCG/ATX/S-10	1 of 1	2	15 Apr 2019	ATEX Range Stopping Plug, Type B Tapered – NPT/BSPT
PCG/ATX/S-11	1 of 1	3	15 Apr 2019	ATEX Range Stopping Plug, Mushroom Head – ET
PCG/ATX/S-12	1 of 1	2	15 Apr 2019	ATEX Range Stopping Plug, Hexagon Head – ET
PCG/ATX/SPA	1 of 1	4	15 Apr 2019	ATEX Range Accessories Stopping Plug – Type A
PCG/ATX/SPB	1 of 1	4	15 Apr 2019	ATEX Range Accessories Stopping Plug – Type B
PCG/ATX/SPHH	1 of 1	4	15 Apr 2019	ATEX Range Accessories Stopping Plug – Hexagon Head
PCG/ATX/SPMH	1 of 1	4	15 Apr 2019	ATEX Range Accessories Stopping Plug – Mushroom Head
PCG/ATX/R-1	1 of 1	2	15 Apr 2019	Reducers Metric (male) to Metric (female)
PCG/ATX/R-2	1 of 1	2	15 Apr 2019	Reducers Metric (male) to NPT/ NPSM/ BSPT/ BSPP (female)
PCG/ATX/R-3	1 of 1	2	15 Apr 2019	Reducers Metric (male) to PG (female)
PCG/ATX/R-4	1 of 1	2	15 Apr 2019	Reducers NPT/ BSPT (male) to Metric (female)
PCG/ATX/R-5	1 of 1	2	15 Apr 2019	Reducers NPT/ BSPT (male) to NPT/ NPSM/ BSPT/ BSPP (female)

Certificate Annex



Certificate Number CML 19ATEX4092X

Equipment SPMH and SPHH ranges of Stopping Plugs
AR, ARMM and ARFF ranges of Adaptors and Reducers

Manufacturer Peppers Cable Glands Limited

Drawing No	Sheets	Rev	Approved date	Title
PCG/ATX/R-6	1 of 1	2	15 Apr 2019	Reducers NPT/ BSPT (male) to PG (female)
PCG/ATX/R-7	1 of 1	2	15 Apr 2019	Reducers PG (male) to Metric (female)
PCG/ATX/R-8	1 of 1	2	15 Apr 2019	Reducers PG (male) to NPT/ NPSM/ BSPT/ BSPP (female)
PCG/ATX/R-9	1 of 1	2	15 Apr 2019	Reducers PG (male) to PG (female)
PCG/ATX/R-10	1 of 1	2	15 Apr 2019	Reducers NPT/ BSPT (male) to Metric (female) for use with sealing washers
PCG/ATX/R-11	1 of 1	2	15 Apr 2019	Reducers NPT/ BSPT (male) to NPT/ NPSM/ BSPT/ BSPP (female) for use with sealing washers
PCG/ATX/R-12	1 of 1	2	15 Apr 2019	Reducers NPT/ BSPT (male) to PG (female) for use with sealing washers
PCG/ATX/R-13	1 of 1	2	15 Apr 2019	Reducers NPSM/ BSPP(male) to Metric (female) for use with O-rings
PCG/ATX/R-14	1 of 1	2	15 Apr 2019	Reducers NPSM/ BSPP (male) to NPT/ NPSM/ BSPT/ BSPP (female) for use with O-rings
PCG/ATX/R-15	1 of 1	2	15 Apr 2019	Reducers NPSM/ BSPP (male) to PG (female) for use with O-rings
PCG/ATX/A-1	1 of 1	2	15 Apr 2019	Adaptors Metric (male) to Metric (female)
PCG/ATX/A-2	1 of 1	2	15 Apr 2019	Adaptors Metric (male) to NPT/ NPSM/ BSPT/ BSPP (female)
PCG/ATX/A-3	1 of 1	2	15 Apr 2019	Adaptors Metric (male) to PG (female)
PCG/ATX/A-4	1 of 1	2	15 Apr 2019	Adaptors NPT/ BSPT (male) to Metric (female)
PCG/ATX/A-5	1 of 1	2	15 Apr 2019	Adaptors NPT/ BSPT (male) to NPT/ NPSM/ BSPT/ BSPP (female)
PCG/ATX/A-6	1 of 1	2	15 Apr 2019	Adaptors NPT/ BSPT (male) to PG (female)
PCG/ATX/A-7	1 of 1	2	15 Apr 2019	Adaptors PG (male) to Metric (female)
PCG/ATX/A-8	1 of 1	2	15 Apr 2019	Adaptors PG (male) to NPT/ NPSM/ BSPT/ BSPP (female)
PCG/ATX/A-9	1 of 1	2	15 Apr 2019	Adaptors PG (male) to PG (female)
PCG/ATX/A-10	1 of 1	2	15 Apr 2019	Adaptors NPT/ BSPT (male) to Metric (female) for use with sealing washers
PCG/ATX/A-11	1 of 1	2	15 Apr 2019	Adaptors NPT/ BSPT (male) to NPT/ NPSM/ BSPT/ BSPP (female) for use with sealing washers
PCG/ATX/A-12	1 of 1	2	15 Apr 2019	Adaptors NPT/ BSPT (male) to PG (female) for use with sealing washers
PCG/ATX/A-13	1 of 1	2	15 Apr 2019	Adaptors NPSM/ BSPP (male) to Metric (female) for use with O-rings

Certificate Annex



Certificate Number CML 19ATEX4092X

Equipment SPMH and SPHH ranges of Stopping Plugs
AR, ARMM and ARFF ranges of Adaptors and Reducers

Manufacturer Peppers Cable Glands Limited

Drawing No	Sheets	Rev	Approved date	Title
PCG/ATX/A-14	1 of 1	2	15 Apr 2019	Adaptors NPSM/ BSPP (male) to NPT/ NPSM/ BSPT/ BSPP (female) for use with O-rings
PCG/ATX/A-15	1 of 1	2	15 Apr 2019	Adaptors NPSM/ BSPP (male) to PG (female) for use with O-rings
PCG/ATX/AR	1 of 2	3	15 Apr 2019	Adaptor and reducers – part number and markings
PCG/ATX/AR	2 of 2	3	15 Apr 2019	Adaptor and reducers – size tables
PCG/ATX/ARFF	1 of 2	2	15 Apr 2019	Female to female thread adaptor – part number and markings
PCG/ATX/ARMM	1 of 1	4	15 Apr 2019	Male to male thread adaptor – part number and markings
PCG/ATX/ARFF	2 of 2	1	15 Apr 2019	Female to female thread adaptor – dimensions
PCG/ATX/ARMM	2 of 2	1	15 Apr 2019	Female to female thread adaptor – dimensions
PCG/ETOR	1 of 1	12	15 Apr 2019	Entry Thread O-ring seal
PCG/ETRO	1 of 1	3	15 Apr 2019	Entry Thread Components Run Out Specification
PCG/ORGD	1 of 1	6	15 Apr 2019	Component Entry Body O-Ring Groove Detail
PCG/MATS/AL	1 of 1	3	15 Apr 2019	Material specifications – Aluminium
PCG/MATS/SB	1 of 1	5	15 Apr 2019	Material specifications – Brass
PCG/PRE-PLT	1 of 1	2	15 Apr 2019	Pre-plate dimensions
PCG/ATX/PEXMP	1 of 1	4	15 Apr 2019	Marking plan