

DRG. No. PCG/ATX/A2L

DO NOT SCALE OFF DRAWING "IF IN DOUBT ASK".  
REPORT ALL ERRORS AND ALTERATIONS.

THIRD ANGLE PROJECTION

MARKING  
1. EXAMPLE OF MARKING ON BAND:-  
PEPPERS GU15 3BT UK  $\text{\textcircled{E}}$  II 10 II 2G  
A2LDSF 20S M20 SIRAO1ATEX12722X  
Exd IIC Gb / Exe IIC Gb / Ex to IIC Dc  
IECEx SIR 07.0096X IP66 IP68

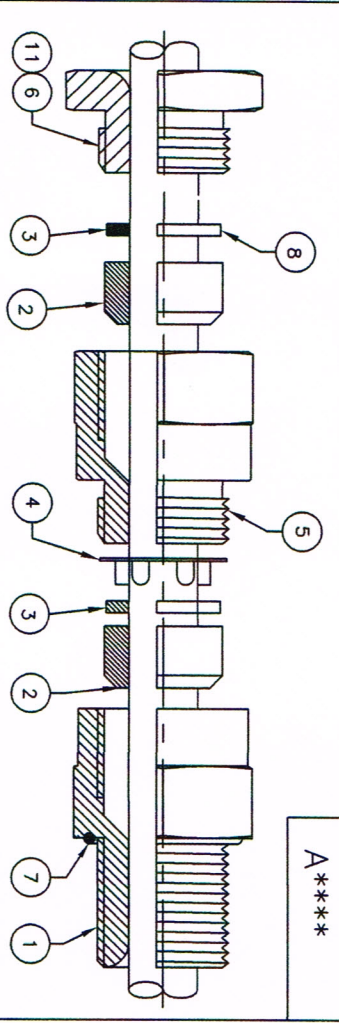
2. SPECIAL MARKS:-  
 $\text{\textcircled{E}}$  II 3GD Ex nR IIC Gc  
SIRA 09ATEX1221X

Marking and other information may be present on the gland or packaging in accordance with document PCG/ATX/PEKMP.

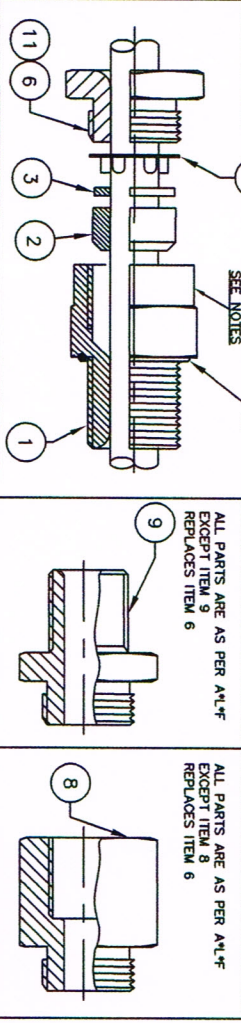
DRAWN ASC  
DATE 27/04/09  
CHECKED  
APPROVED  
CAD REF PCGATXA2L  
SCALE N.T.S  
ISSUE

1. Original  
2. Marking note revision  
3. General revision. Size 16/M16 replaces 16/M20. Temperature range revised.  
4. Marking updated to comply with latest 60079 Series & to include Exd marking.  
5. 16/07/2009 Addition of Continuity Washer for Lead Sheath Cable.  
6. Updated to include Ex nR II marking.  
7. Updated to include 81N and include new 81AN, 81AN-NPT, 82V and 82N drawing details. Part 9 removed and shield washer drawing number corrected.  
8. 23/08/12 Update to marking. Inclusion of size 12 and clarification of notes and parts list. New Connector types added and drawing made 2 page.  
9. 07/08/13 Parts list amended for item 3 and Note b amended.

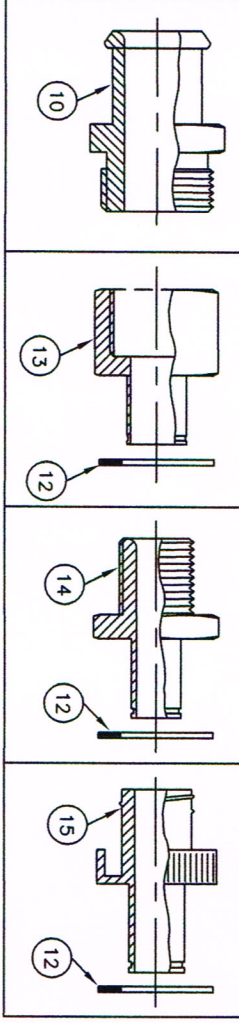
A\*\*\*\*



A\*\*  
MARKING BAND SEE NOTES  
A\*LCM\*\* (c)  
A\*LCF\*\* (c)



A\*LCM\*\* (c)  
ALL PARTS ARE AS PER A4L\*F EXCEPT ITEM 6 REPLACES ITEM 6  
A\*LCF\*\* (c)  
ALL PARTS ARE AS PER A4L\*F EXCEPT ITEM 6 REPLACES ITEM 6




PARTS LIST & CERTIFICATE CROSS-REFERENCE

Balloon Ref	Part Description	Drawing Number	Alternate Drawing Number	Other Certificate Nos. used on	Other Certificate Nos. used on
1	ENTRY BODY	PCG/ATX/81AN	PCG/ATX/81ANT	SIRA 03ATEX1479X	
2	SEAL	PCG/ATX/82N	PCG/ATX/82V	SIRA 03ATEX1479X	BAS 01ATEX2271X
3	SPID WASHER	PCG/ATX/91A	PCG/ATX/91V	SIRA 03ATEX1479X	BAS 01ATEX2271X
4	CONTINUITY WASHER	PCG/AMZ	PCG/LW3	BAS 01ATEX2271X	
5	NUT CAP	PCG/ATX/85N			
6	O-RING	PCG/ETOR		SIRA 03ATEX1479X	SIRA 03ATEX1479X
7	CONDUIT NUT FEMALE	PCG/ATX/85NF		BAS 01ATEX2271X	
8	CONDUIT NUT MALE	PCG/ATX/85NM			
9	HOSE CONNECTOR	PCG/ATX/91M			
10	ROTOR NUT	PCG/ATX/85NR			
11	ROTOR NUT	PCG/ATX/85NC			
12	ROTORING CONDUIT NUT FEMALE	PCG/ATX/85NF			
13	ROTORING CONDUIT NUT MALE	PCG/ATX/85NM			
14	ROTORING CONDUIT NUT FEMALE	PCG/ATX/85NF			
15	ROTORING CONDUIT NUT SERIAL	PCG/ATX/85NC			

CABLE SEALING RANGES

GLAND SIZE	OUTER SHEATH	
	MIN	MAX
12	0.9	6.0
16	4.0	8.4
20S	7.2	11.7
20	9.4	14.0
25	13.5	20.0
32	19.5	26.3
40	23.0	32.2
50S	28.1	38.2
50	33.1	44.1
63S	39.2	50.1
63	46.7	56.0
75S	52.1	62.0
75	58.0	68.0
80	62.2	72.0
85	69.0	78.0
90	74.0	84.0
100	82.0	90.0

THIS DRAWING IS OF A CERTIFIED COMPONENT, AND NO CHANGES MUST BE MADE WITHOUT REFERENCE TO THE CERTIFYING AUTHORITY.

 PEPPERS CABLE GLANDS LIMITED  
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TITLE ATEX RANGE CABLE GLANDS  
FOR UNARMoured OR ARMoured CABLE  
A SERIES FAMILY -

DRG. No. PCG/ATX/A2L  
ISSUE 9



SEAL CODES (TYPE AND TEMPERATURE)	SEAL PART NUMBERS (b)	OPERATING TEMP. RANGE
1 (c)	NEOPRENE 82NI	-35°C to +90°C
2	NEOPRENE 82NI	-35°C to +90°C
3	SILICONE 82NIS	-60°C to +180°C
4 (c)	SILICONE 82NIS	-60°C to +180°C

METAL PARTS MATERIAL CODES	MATERIAL
A	ALUMINIUM
B	BRASS
S	STAINLESS STEEL

NOTES  
 a Neoprene seals are colour black (parts 82NI, 82VI). Silicone seals are coloured white (parts 82NIS, 82VSI).

b In size 16/M20 assembly part 2 is replaced with 82V part and Part 3 is replaced with 91V part

c Codes 1 and 4 indicate continuity washer for lead sheath cable. Available in sizes 16 to 100. Sizes 20S, 50S, 50 & 100 use LW3 washer. All other sizes use LW2 washer.

d Neoprene O-rings Part ORN are used with Code 1 & 2 glands. Silicone O-rings Part ORS are used with Code 3 & 4 glands.

e Stainless Steel glands may have marking electrochemically etched. Paint or Plating may be applied to any or all main gland body components. Maximum thickness of plating is 0.008mm. No paint shall be applied to entry thread joints.

f Glands manufactured in aluminium may be assembled with an anti-seize compound applied to the threads to prevent galling.

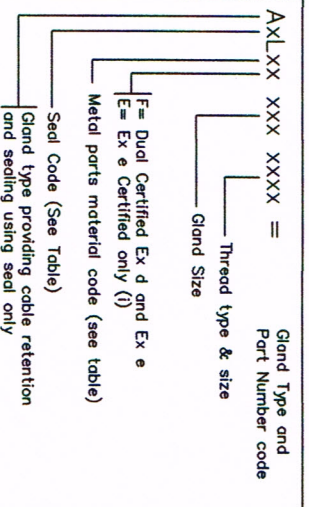
g Glands incorporating L option use Part 88N.

h Glands incorporating R option use Parts 87C, 88NR and required 89NC, 89NF or 89NM component accordingly.

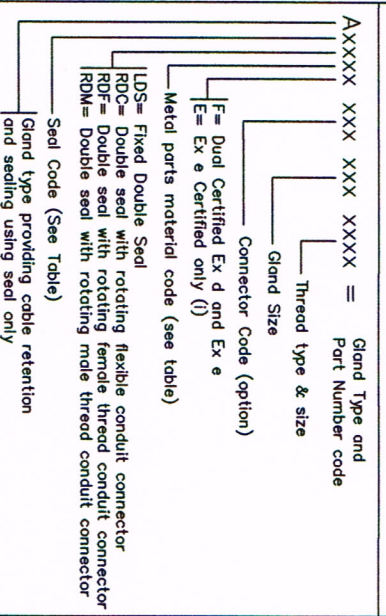
i Gland may be supplied with less than 8 full threads on entry thread and given certification code E to designate Increased Safety approval only. E.g. A4\*#E.

j Size 12 gland not available in aluminium material option.

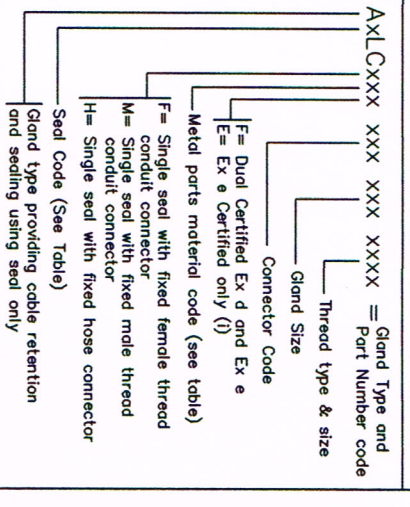
GLAND TYPE NUMBERING OPTIONS



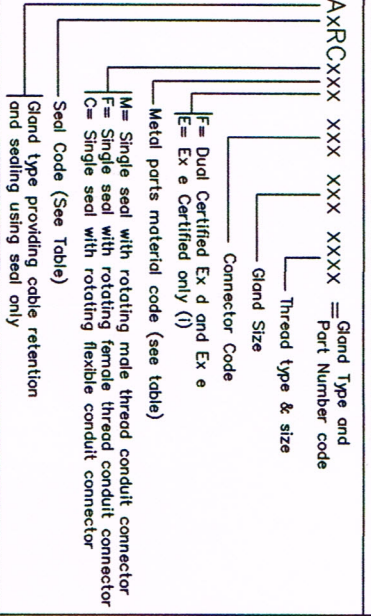
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- X-REFS:-  
 CSADS  
 TABADS  
 ISSA2L  
 CAO



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