

DRG. No.  
PCG/ATX/CR-S

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

THIRD ANGLE PROJECTION

**MARKING**

1. EXAMPLE OF MARKING ON BAND:-  
Exd I Mb & IIC Gb Ex ta IIIC Da  
Exe I Mb & IIC Gb  
CR-SB 20 M20 SIRAO3ATEX1479X  
PEPPERS GU15 3BT UK Ex I M2 II 1D/2G  
09 (Year Code) IP66 IP68  
IECEX SIR 07.0098X

2. SPECIAL MARKS:-

Ex II 3GD  
Ex nR IIC Gc  
SIRA10ATEX4124X

DRAWN ASC

DATE 27/04/09

CHECKED

APPROVED

CAD REF PCGATXCRS

SCALE N.T.S

ISSUE

1. Original

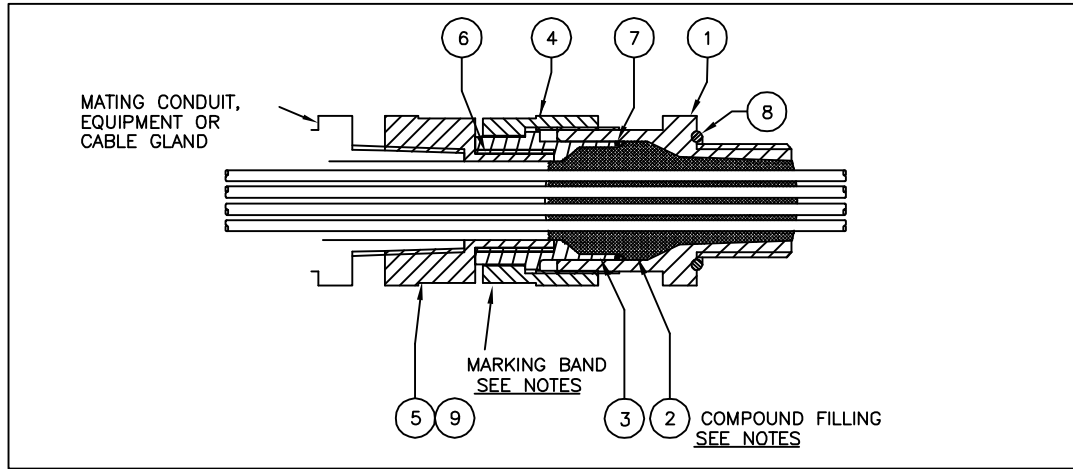
2. Marking updated to comply with latest 60079 Series & to include ExtD marking.

3. 23/07/09 Updated to include Ex nR II marking.

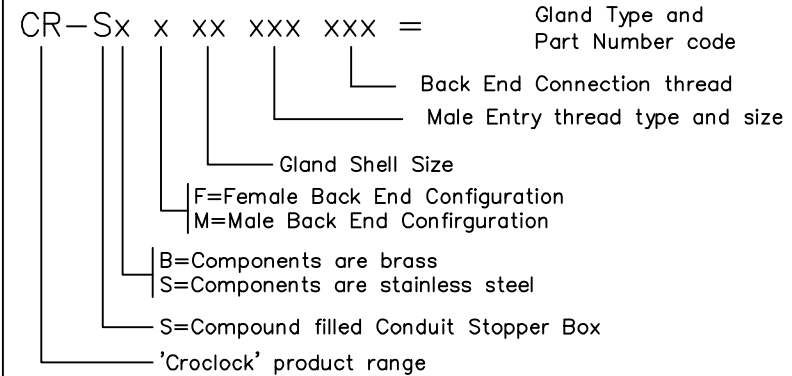
4. 16/11/09 Temperature range altered, marking updated, 88NMM part introduced & part numbering amended.

5. 30/09/10 Cores qty increased. Note e added. Ex ta concept added.

6. 25/01/13 ATEX marking corrected. Parts 7 and 8 drawing references amended.



**GLAND TYPE NUMBERING**



**PARTS LIST & CERTIFICATE CROSS-REFERENCE**

Balloon Ref	Thread Option	Part Description	Drawing Number	Alternative Drawing Number	Other Certificate Nos. used on
1	ISO M	ENTRY BODY	PCG/ATX/31V	---	---
1	NPT	ENTRY BODY	PCG/ATX/31VT	---	---
2	---	COMPOUND (c)	---	---	---
3	---	FERRULE	PCG/ATX/34V	---	---
4	---	UNION NUT	PCG/ATX/36V	---	---
5	ISO M	CONDUIT NUT FEMALE	PCG/ATX/35V	PCG/ATX/35VC	---
5	NPT	CONDUIT NUT FEMALE	PCG/ATX/35VT	PCG/ATX/35VC	---
6	---	LOCTITE 2701 or 3M TL62	---	---	---
7	---	O-RING	PCG/OR	---	---
8	---	O-RING	PCG/ETOR	---	---
9	---	CONDUIT NUT MALE	PCG/ATX/88NMM	---	---

FITTING SIZE (a)	TRADE SIZE	Standard (b) male threads		Standard (b) female threads		Hexagon A/F sizes (mm)	Max cable size inside fitting	Max dia over cores	Max no. of cores
		ISO M	NPT	ISO M	NPT				
20	0.5"	M20	0.5"	M20	0.5"	30.0	14.0	12.5	40
25	0.75"	M25	0.75"	M25	0.75"	37.6	20.0	17.8	60
32	1.0"	M32	1.0"	M32	1.0"	46.0	26.3	23.5	80
40	1.25"	M40	1.25"	M40	1.25"	55.0	32.2	28.8	130
50	2.0"	M50	2.0"	M50	2.0"	65.0	44.1	39.4	400
63	2.5"	M63	2.5"	M63	2.5"	80.0	56.0	50.0	425
75	---	M75	---	M75	---	90.0	68.0	60.8	425
75	3.0"	---	3.0"	---	3.0"	104.7 *	68.0	60.8	425
80	3.0"	M80	3.0"	M80	3.0"	104.7	72.0	64.4	425
85	3.0"	M85	3.0"	M85	3.0"	104.7	78.0	69.8	425
90	3.5"	M90	3.5"	M90	3.5"	114.3	84.0	75.1	425
100	3.5"	M100	3.5"	M100	3.5"	114.3	90.0	80.5	425
100	4.0"	---	4.0"	---	4.0"	127.0 *	90.0	80.5	425

\* These hexagon sizes apply to parts 31VT/35VT only. See Note (a)

**NOTES**

- a For Trade Sizes 3" & 4" the hexagon sizes marked \* apply to parts 1 & 5 only. All other parts are (for 3") 90mm hexagon and (for 4") 114.3mm hexagon.
- b Non-standard thread types & sizes are detailed in drawings PCG/ETDMV (male entry threads) and PCG/ATX/35VC (conduit threads). Any entry/conduit thread combination can be supplied.
- c PEPPERS T1000 COMPOUND. A 2-part epoxy putty is used to form part 2 of the fitting. Operating temperature is -60°C to +135°C.
- d Please refer to PCG/ATX/PEXMP for full details of marking applied to the product, instructions and product labeling.
- e IPX8 rating is 100 metres for a duration of 7 Days.

**GENERAL NOTE**

To minimise galvanic corrosion, the metallic gland components are made from similar materials



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TITLE ATEX BARRIER GLAND RANGE  
CONDUIT STOPPER BOX  
CR-S FAMILY

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DRG. No.

PCG/ATX/CR-S

ISSUE 6

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