

DRG. No.
PCG/ATX/CR-S

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

THIRD ANGLE PROJECTION

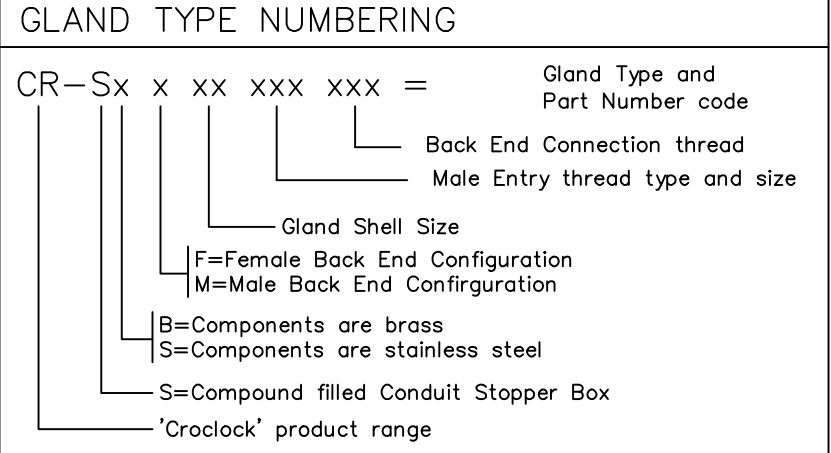
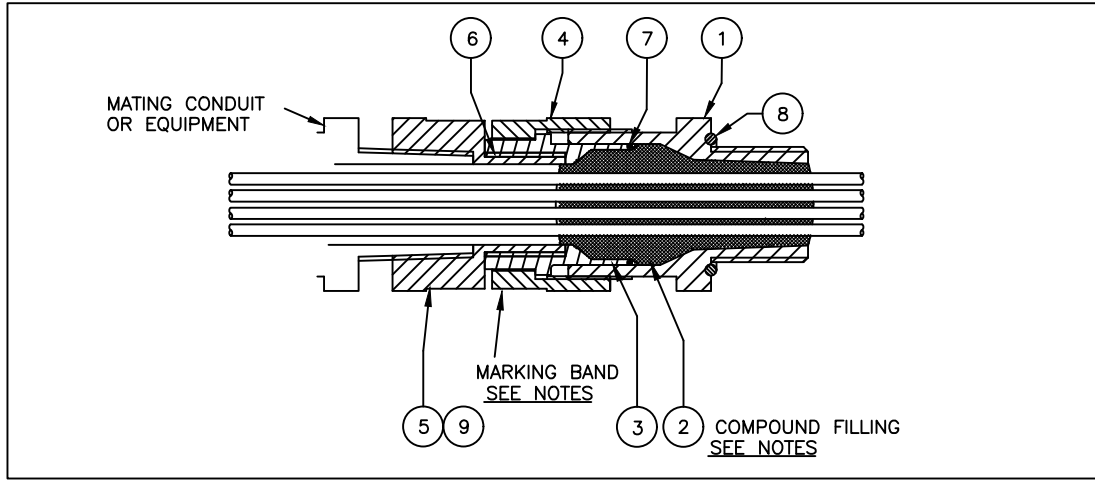
MARKING

1. EXAMPLE OF MARKING ON BAND:-
Exdb I Mb & IIC Gb Ex ta IIC Da
Exeb I Mb & IIC Gb
CR-SB 20 M20 SIRA03ATEX1479X
PEPPERS GU15 3BT UK (Ex) I M2 II 1D/2G
xx (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.
7. 12/06/17 Marking updated. Additional sizes added. Size 100/4" hexagon reduced. Notes added regarding 2.5" female thread options. Note a removed & Notes re-lettered. New Note e added.

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	---	---

NOTES

- a 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.
- b 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.
- c Please refer to PCG/ATX/PEXMP for full details of marking applied to the product, instructions and product labeling.
- d IPX8 rating is 100 metres for a duration of 7 Days.
- e For alternative threads & trade sizes refer to drawing number PCG/ETDMV Noting: The alternative longer or shorter entry thread lengths are not applicable to this design.

GLAND SIZE (a)	Standard (a) male threads (Item 1)		Standard (a) female threads (Item 5)		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	M20	1/2"	M20	0.5"	30.0	14.0	12.5	40
25	M25	3/4"	M25	0.75"	37.6	20.0	17.8	60
32	M32	1"	M32	1.0"	46.0	26.3	23.5	80
40	M40	1-1/4"	M40	1.25"	55.0	32.2	28.8	130
50S	M50	1-1/2"	M50	1.5"	65.0	38.2	34.2	200
50	M50	2"	M50	2.0"	65.0	44.1	39.4	400
63S	M63	2"	M63	2.0"	80.0	50.1	44.8	400
63	M63	2-1/2"	M63	2.5"	80.0	56.0	50.0	425
75S	M75	2-1/2"	M75	2.5"	90.0	62.0	55.4	425
75	M75	-	M75	2.5"	90.0	68.0**	60.8**	425
75	-	3"	-	3.0"	104.7 *	68.0	60.8	425
80	M80	3"	M80	3.0"	104.7	72.0	64.4	425
85	M85	3"	M85	3.0"	104.7	78.0	69.8	425
90	M90	3-1/2"	M90	3.5"	114.3	84.0	75.1	425
100	M100	3-1/2"	M100	3.5"	114.3	90.0	80.5	425

* These hexagon sizes apply to parts 31VT/35VT only. See Note (a)
** 2.5" NPT female threads will have a Max cable size of 65.0mm, Max ϕ over cores of 58.1
** 2.5" NPSM female threads will have a Max cable size of 67.0mm, Max ϕ over cores of 59.9

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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ISSUE 7

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