

TECHNICAL DATA
 CABLE GLAND TYPE : PXRC
 INGRESS PROTECTION : IP66 minimum
 PROCESS CONTROL SYSTEM : BS EN ISO 9001

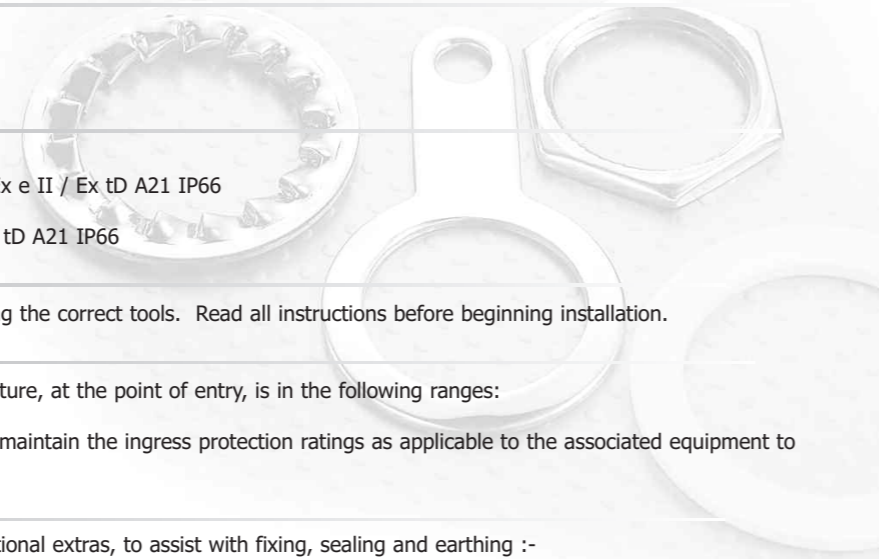
HAZARDOUS AREA CLASSIFICATION
 ATEX CERTIFICATION No : SIRA 06ATEX1097X
 ATEX CERTIFICATION CODE : Ex II 2 GD Ex d IIC / Ex e II / Ex tD A21 IP66
 IEC Ex CERTIFICATION No : IEC Ex SIR.06.0044X
 IEC Ex CERTIFICATION CODE : Ex d IIC / Ex e IIC / Ex tD A21 IP66

INSTALLATION INSTRUCTIONS
 Installation should only be performed by a competent person using the correct tools. Read all instructions before beginning installation.

SPECIAL CONDITIONS FOR SAFE USE

- The cable gland ranges shall only be used where the temperature, at the point of entry, is in the following ranges:
 -60°C to +100°C when compound filled.
- The entry component threads may need additional sealing to maintain the ingress protection ratings as applicable to the associated equipment to which it is attached.

ACCESSORIES
 The following accessories are available from CMP Products, as optional extras, to assist with fixing, sealing and earthing :-
 Locknut | Earth Tag | Serrated Washer | Entry Thread (I.P.) Sealing Washer | Shroud *



ASSEMBLY FITTING INSTRUCTIONS FOR INSTALLATION OF CMP CONDUIT GLAND TYPE PXRC

BARRIER CABLE GLAND FOR USE IN HAZARDOUS AREAS WITH BRAID, UNARMoured CABLE OR INDIVIDUAL CORES HOUSED IN CONDUIT.

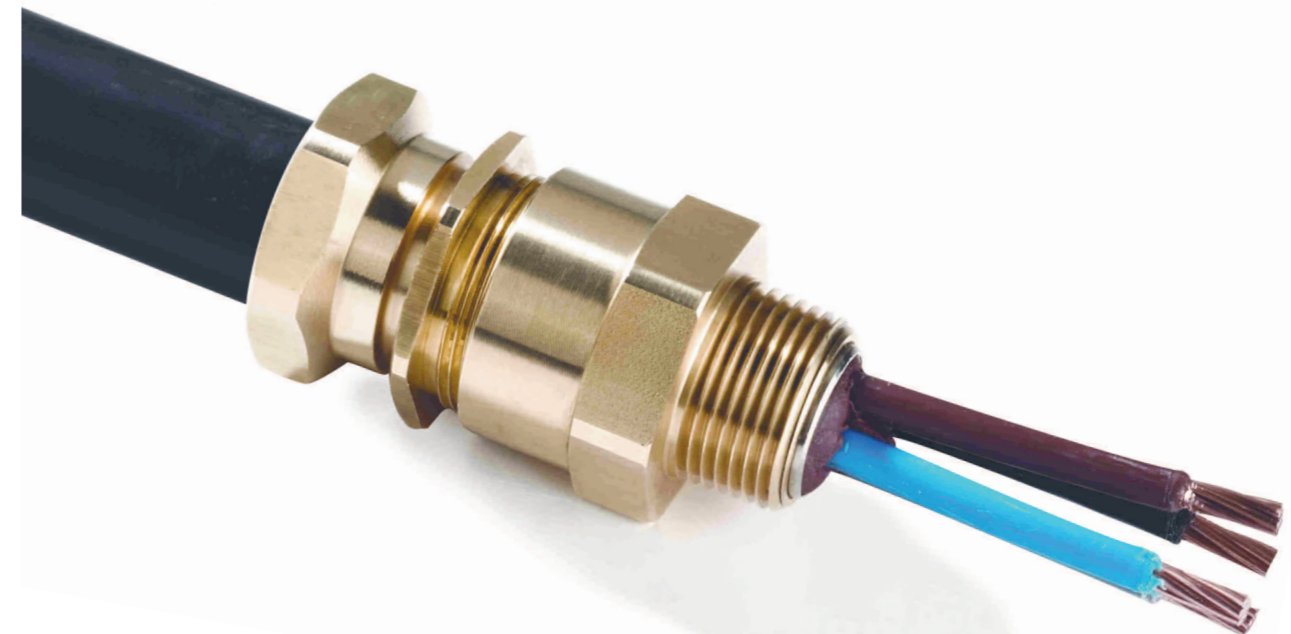
INCORPORATING EC DECLARATION OF CONFORMITY TO DIRECTIVE 94/9/EC

CABLE GLAND TYPE PXRC

Cable Gland Size	Available Entry Threads			Minimum Thread Length	Standard Female Connection Thread	Diameter Over Conductors Max	Number Of Cores	Overall Cable Diameter Max	Across Flats Max	Across Corners Max	Nominal Protrusion Length	Ordering Reference (Brass Metric M X F)**	Cable Gland Weight (Kgs)
	Standard	Option											
	Metric	NPT	NPT										
20	M20	1/2"	3/4"	15.0	1/2"	12.6	21	13.9	27.0	29.2	24.0	20PXRC1RA031	0.100
25	M25	3/4"	1"	15.0	3/4"	17.5	38	19.9	36.0	38.9	26.0	25PXRC1RA031	0.250
32	M32	1"	1-1/4"	15.0	1"	23.6	59	26.2	41.0	44.3	27.0	32PXRC1RA031	0.460
40	M40	1-1/4"	1-1/2"	15.0	1-1/4"	30.0	89	32.3	50.0	54.0	28.0	40PXRC1RA031	0.615
50S	M50	1-1/2"	2"	15.0	1-1/2"	36.6	115	38.9	55.0	59.4	29.0	50SPXRC1RA031	0.710
50	M50	2"	2-1/2"	15.0	2"	41.0	115	44.2	60.0	64.8	30.0	50PXRC1RA031	0.700
63S	M63	2"	2-1/2"	15.0	2"	47.9	140	50.0	70.0	75.6	30.0	63SPXRC1RA031	0.850
63	M63	2-1/2"	3"	15.0	2-1/2"	53.7	140	58.0	75.0	81.0	30.0	63PXRC1RA031	0.820
75S	M75	2-1/2"	3"	15.0	2-1/2"	59.9	140	62.4	79.0	85.3	32.0	75SPXRC1RA031	1.100
75	M75	3"	3-1/2"	15.0	3"	64.3	140	68.1	84.0	90.7	32.0	75PXRC1RA031	1.090
90	M90	3"	3-1/2"	15.0	3-1/2"	75.3	140	80.1	108.0	116.6	44.0	90PXRC1RA031	1.500

All dimensions in millimetres unless otherwise stated

Cable Gland Selection Table



I, the undersigned, hereby declare that the equipment referred to herein conforms to 94/9/EC directive.

G. I. Mood

Dr Geof Mood - Technical Director - (Authorised Person)

Glasshouse Street • St. Peters • Newcastle upon Tyne • NE6 1BS
 Tel: +44 191 265 7411 • Fax: +44 191 265 0581
 E-Mail: cmp@cmp-products.com • Web: www.cmp-products.com

CE 0518

Notified Body: Sira Certification Service, Rake Lane, Chester CH4 9JN, England.



CMP PRODUCTS



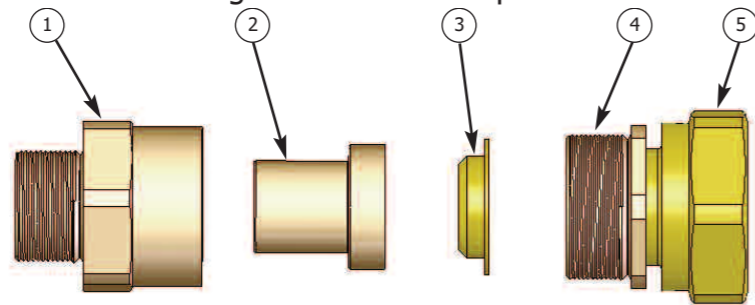
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INSTALLATION INSTRUCTIONS FOR CMP CABLE GLAND TYPE PXRC

CABLE GLAND COMPONENTS

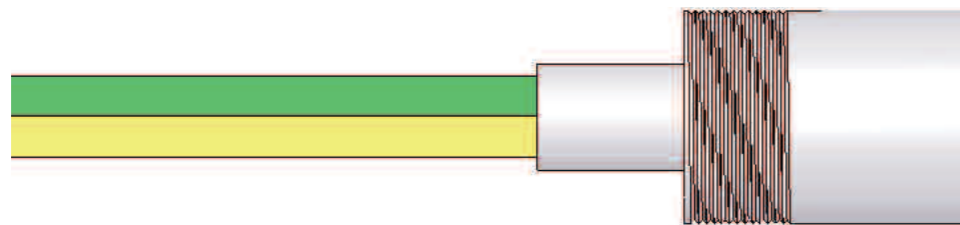
1. Entry Component
2. Compound Tube
3. Washer
4. Nut
5. Running Coupling

Dismantle the cable gland into the components shown below



PLEASE READ ALL INSTRUCTIONS CAREFULLY BEFORE BEGINNING THE INSTALLATION

1. Prepare the cable by removing the outer sheath from the cores so that they are exposed within the Compound Tube when finally assembled



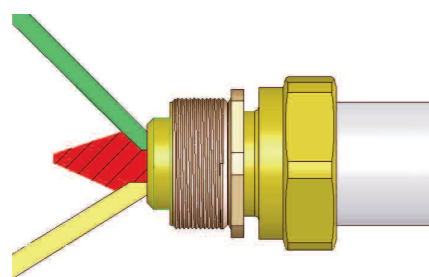
2. Feed the cables/cores through the sections of the conduit gland, then fully tighten the Running Coupling (5) onto the conduit.



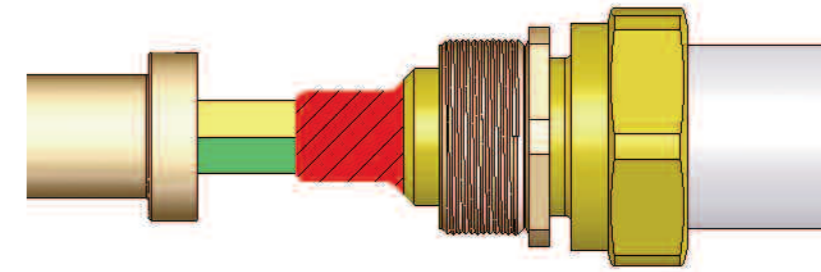
3. If the installation involves a cable, remove any bedding or fillers from around the cable cores. If the cable cores have braid screens, these should be unravelled and then twisted together to form a single core if required. Wearing the protective gloves supplied, mix all of the two-part epoxy compound until it is pliable and an even colour is achieved. (Minimum mixing temperature 10°C / 50°F)

4. Separate the cable cores and apply the compound to the crutch of the cable for a distance of about 6mm and pack into place. If the cable has individual or overall foil screens then these should be removed.

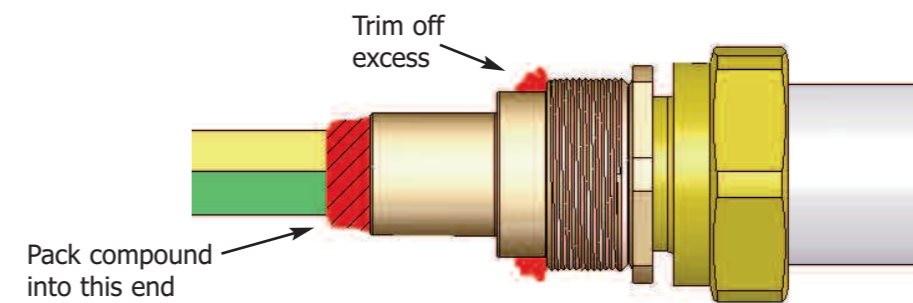
If a drain wire is present then it should be sleeved with some heat shrink tubing which is pushed into the compound before shrinking with the application of some heat. If braid screens have been twisted together they should be treated as a drain wire and sleeved.



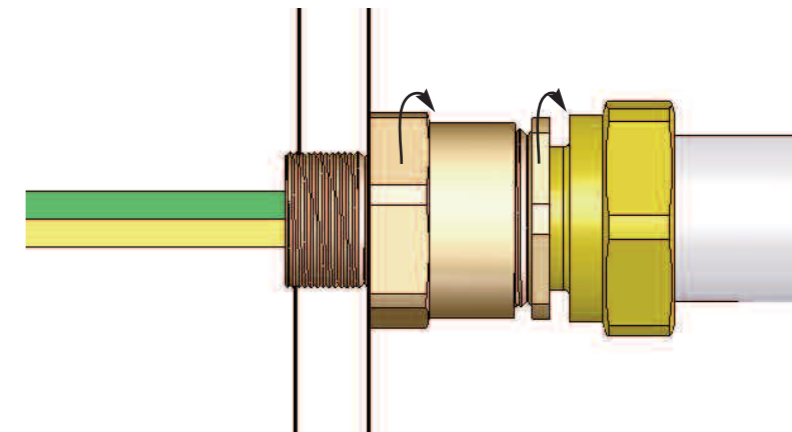
5. Bring the cores together again and pack more compound around them to a length and diameter sufficient to fill the Compound Tube (2), ending in a taper.



6. Pass the Compound Tube (2) over the conductors until the stepped end is fully located with the Washer (3). Pack more compound into place until the Compound Tube is fully filled and trim off any excess.



7. Attach the Entry Item (1) by screwing it into place, making sure the compound is not disturbed, and loosely tightening the Nut (4). Leave until the compound has cured.



8. When the compound has cured the Entry Item (1) should be removed from the assembly and fitted into the apparatus. The gland can then be refitted to it and the Nut (4) fully tightened to complete the installation.

