

TECHNICAL DATA

CABLE GLAND TYPE : A2F
 INGRESS PROTECTION : IP66, NEMA 4X
 PROCESS CONTROL SYSTEM : BS EN ISO 9001
 ISO/IEC 80079-34:2011

HAZARDOUS AREA CLASSIFICATION

ATEX CERTIFICATION No : SIRA06ATEX1097X, SIRA07ATEX4326X
 ATEX CERTIFICATION CODE : Ⓜ II 2/3 GD Ex d IIC, Ex e II, Ex nR II, Ex tD A21 IP66 - Equipment Zone 1, 2, 21 & 22, Gas Groups IIA, IIB & IIC
 IEC Ex CERTIFICATION No : IEC Ex SIR.06.0039X
 IEC Ex CERTIFICATION CODE : Ex d IIC / Ex e II / Ex nR II, Ex tD A21 IP66
 CSA CERTIFICATION No : 1211841
 CSA CERTIFICATION CODE : Ex d IIC & Ex e II, CSA Enclosure Type 4X

INSTALLATION INSTRUCTIONS

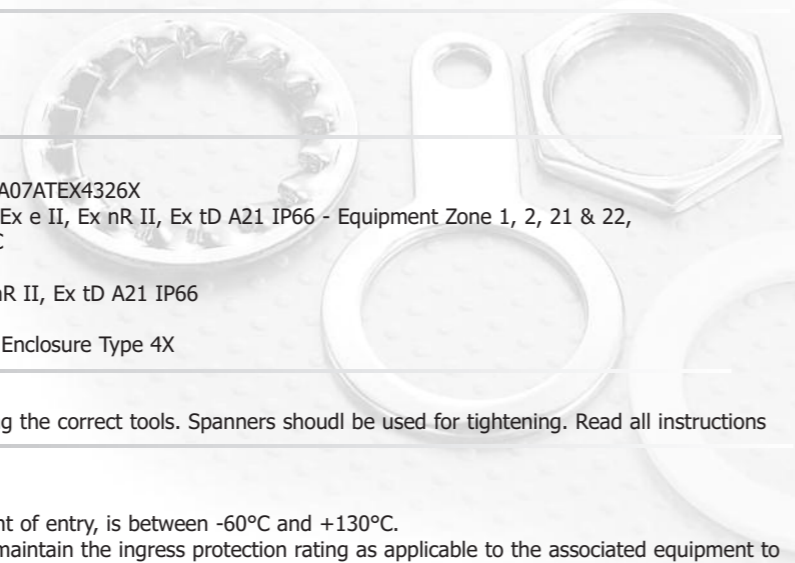
Installation should only be performed by a competent person using the correct tools. Spanners should be used for tightening. Read all instructions before beginning installation.

SPECIAL CONDITIONS FOR SAFE USE

- The A2F shall only be used where the temperature, at the point of entry, is between -60°C and +130°C.
- The entry component threads may need additional sealing to maintain the ingress protection rating as applicable to the associated equipment to which it will be 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*



INSTALLATION INSTRUCTIONS FOR A2F CABLE GLAND

CABLE GLAND FOR USE WITH UNARMoured AND BRAID ARMoured CABLES

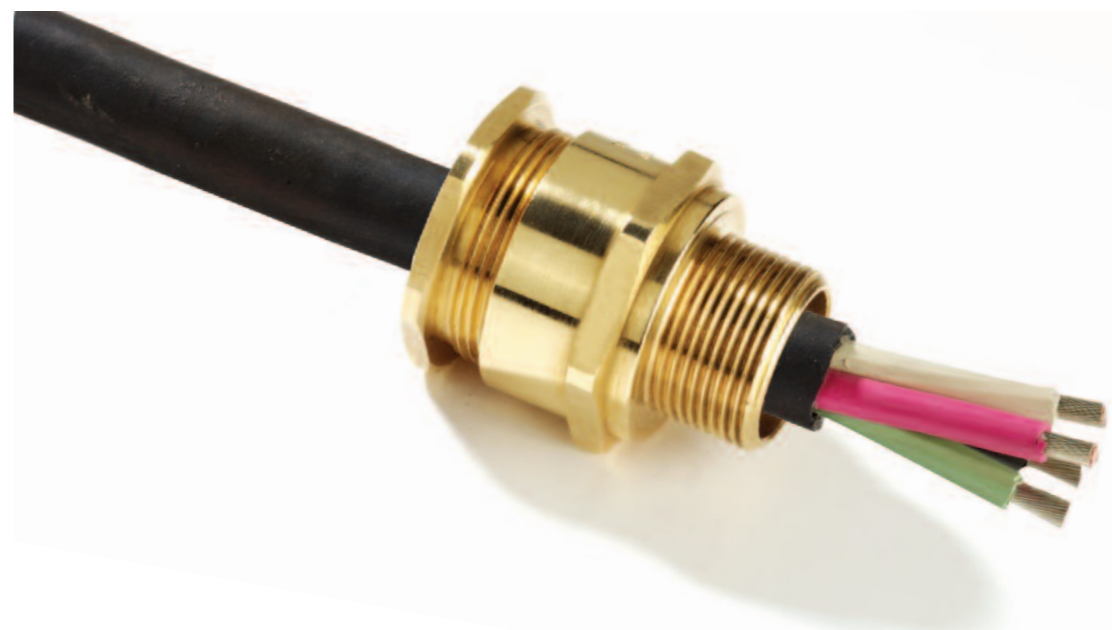
INCORPORATING EC DECLARATION OF CONFORMITY TO DIRECTIVE 94/9/EC

CABLE GLAND TYPE A2F

Cable Gland Size	Entry Threads			Min Thread Length	Diameter of Cable		Across Flats Max	Across Corners Max	Nominal Protrusion Length	Ordering Reference (Brass Metric)	PVC Shroud Ref*	Cable Gland Weight (Kgs)
	Standard		Option		Min	Max						
	Metric	NPT	NPT									
16	M16	1/2"	3/4"	15.0	3.2	8.1	22.0	23.8	18.0	16A2F1RA	PVC02	0.051
20S/16	M20	1/2"	3/4"	15.0	3.2	8.7	24.0	25.9	21.0	20S16A2F1RA	PVC04	0.054
20S	M20	1/2"	3/4"	15.0	6.1	11.7	24.0	25.9	21.0	20SA2F1RA	PVC04	0.054
20	M20	1/2"	3/4"	15.0	6.5	14.0	27.0	29.2	24.0	20A2F1RA	PVC05	0.059
25	M25	3/4"	1"	15.0	11.1	20.0	36.0	38.9	26.0	25A2F1RA	PVC09	0.112
32	M32	1"	1-1/4"	15.0	17.0	26.3	41.0	44.3	27.0	32A2F1RA	PVC10	0.128
40	M40	1-1/4"	1-1/2"	15.0	23.5	32.2	50.0	54.0	28.0	40A2F1RA	PVC13	0.168
50S	M50	1-1/2"	2"	15.0	31.0	38.2	55.0	59.4	29.0	50SA2F1RA	PVC14	0.224
50	M50	2"	2-1/2"	15.0	35.6	44.1	60.0	64.8	30.0	50A2F1RA	PVC17	0.231
63S	M63	2"	2-1/2"	15.0	41.5	50.0	70.0	75.6	30.0	63SA2F1RA	PVC20	0.360
63	M63	2-1/2"	3"	15.0	47.2	56.0	75.0	81.0	30.0	63A2F1RA	PVC22	0.344
75S	M75	2-1/2"	3"	15.0	54.0	62.0	79.0	85.3	32.0	75SA2F1RA	PVC24	0.466
75	M75	3"	3-1/2"	15.0	61.1	68.0	84.0	90.7	32.0	75A2F1RA	PVC26	0.395
90	M90	3"	3-1/2"	15.0	61.6	80.0	108.0	116.6	44.0	90A2F1RA	PVC31	1.346
100	M100	4"	-	15.0	76.0	91.0	122.0	131.8	48.0	100A2F1RA	PVC32	1.575
115	M115	-	-	15.0	86.0	98.0	138.0	149.0	55.0	115A2F1RA	LSF34	2.322
130	M130	-	-	15.0	97.0	115.0	154.0	166.3	62.0	130A2F1RA	LSF35	3.400

Cable Gland Selection Table

NOTE: *CMP SOLO LSF Halogen Free Shrouds also available on request.



I, the undersigned, hereby declare that the equipment referred to herein conforms to the requirements of the ATEX Directive 94/9/EC and the following standards:-

EN 60079-0:2006, EN 60079-1:2007, EN 60079-7:2007, BS 6121:1989, EN 50262:1998 (Amd 2001), EN 61241-0:2004, EN 61241-1:2004, EN 60079-15

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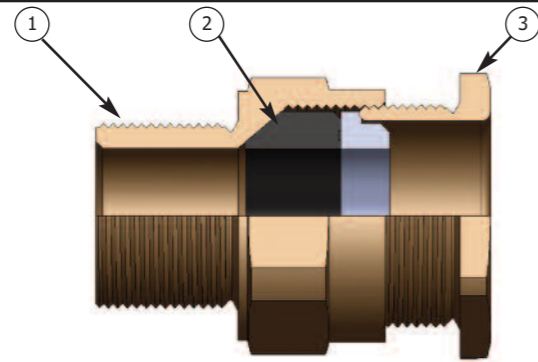
Notified Body: Sira Certification Service, Rake Lane, Chester CH4 9JN, England.



INSTALLATION INSTRUCTIONS FOR CMP GLAND TYPE A2F

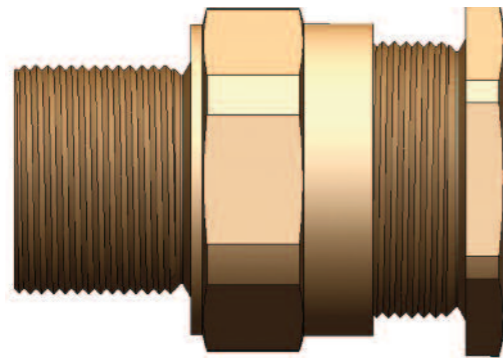
CABLE GLAND COMPONENTS

1. Entry Item
2. Seal
3. Seal Nut

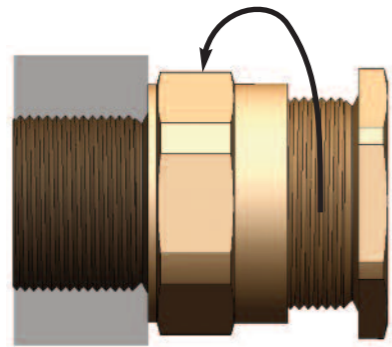


PLEASE READ ALL INSTRUCTIONS CAREFULLY BEFORE BEGINNING THE INSTALLATION

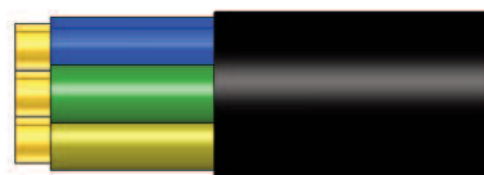
1. It is not necessary to dismantle the gland any further than illustrated below.



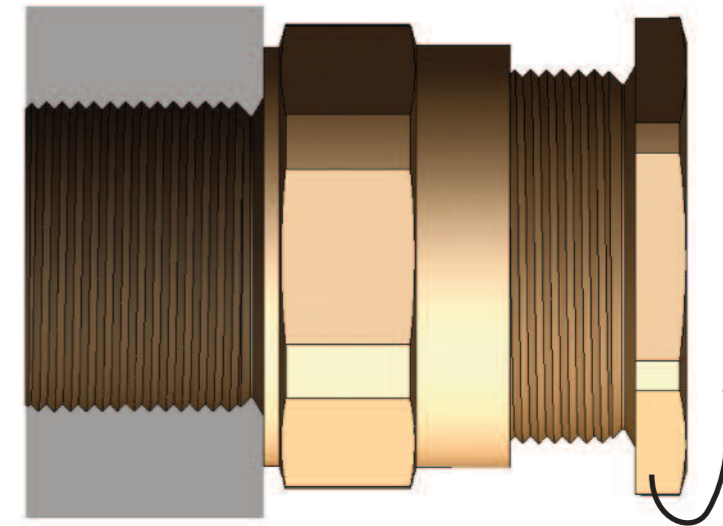
2. Fit the gland into the equipment and fully tighten the entry item (1).



3. Determine the conductor length required to suit the installation and prepare the cable accordingly, removing part of the outer sheath where required to reveal the insulated conductors.



4. Slacken the seal nut (3) to relax the seal (2).



5. Pass the cable through the gland to the desired position, then tighten the seal nut by hand until resistance is felt (when the seal contacts the cable). Tighten with a spanner one further turn.

