DRG. No.
PCG/ATX/90

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

THIRD ANGLE PROJECTION

PRODUCT CODE

ARXX–X–X–X–00–Size–Size

- Female Thread Size
- Male/Female Thread Size
- Plating
- Certification Order Code
- Body Material
- IP Seal Code
- ARMR / ARFR Product Type

MARKING EXAMPLE

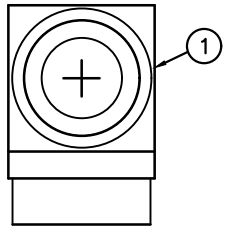
PEPPERS GU15 3BT UK
ARMR M20 x M20 CML19ATEX1091U
CML19ATEX4093U IECEx CML 19.0023U
Exdb I Mb / Exdb IIC Gb / Exeb I Mb / Exeb IIC Gb
Ex nR IIC Gc / Exta IIIC Da
Ex I M2 II 1D 2G 3G IP66 / IP68

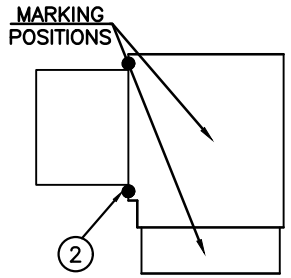
ADDITIONAL MARKING:–

DRAWN	RJW
DATE	23/03/10
CHECKED	
APPROVED	
CAD REF	
SCALE	N.T.S

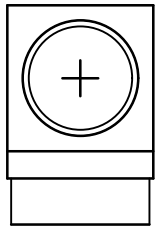
ISSUE
1. Original
2. 04/11/2015 Part coding & option table updated. Note 8 deleted and re–numbered. Note 10 added. PEXMP drawing ref. removed
3. 08/05/2018 Protection concepts & cert' no's updated. Note 6 amended & Notes 11, 12, 13, 14 & 15 added.

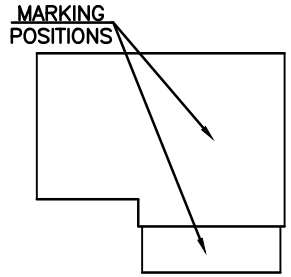
ARMR 90° MxF ADAPTOR / REDUCER





ARFR 90° FxF ADAPTOR / REDUCER





Seal Types, Codes & Materials

Seal Code	Seal Type & Material	Seal Code	Seal Type & Material
0	No Seal	4	Fluorosilicone O–Ring
1	Nitrile O–Ring	5	VITON O–Ring
2	Neoprene O–Ring	6	EPDM O–Ring
3	Silicone O–Ring		

DRG No. CHART

Item No.	Description	Drg No.
1	90° M x F Adaptor/Reducer, Metric to Metric	PCG/ATX/90M–1
1	90° M x F Adaptor/Reducer, Metric to NPT	PCG/ATX/90M–2
1	90° M x F Adaptor/Reducer, PIPE to Metric	PCG/ATX/90M–3
1	90° M x F Adaptor/Reducer, NPT to NPT	PCG/ATX/90M–4
2	O–Ring Seal	PCG/ETOR

	Code	Material	Spec. or Drg. No.
Body Material	B	Brass	Drg. No. PCG/MATS/SB
	S	St. Steel	Drg. No. PCG/MATS/SB
	A	Al. Alloy	Drg. No. PCG/MATS/AL
Plating	00	None	
	NP	Nickel	
	ZP	Zinc	
	AN	Anodised	

Protection Code Certificate Dependant		
	E	Ex eb I Mb, Ex eb IIC Gb
	F	Ex db I Mb, Ex db IIC Gb Ex eb I Mb, Ex eb IIC Gb Ex nR IIC Gc, Ex ta IIIC Da Or Ex eb I Mb, Ex eb IIC Gb Ex nR IIC Gc, Ex ta IIIC Da

NOTES:
1. O–ring seals are not provided on taper threads as standard.
2. Product may be manufactured with or without marking band.
3. Unless limited by the temperature of the O–ring, the standard product, at the point of mounting, is approved for use between –100°C to +400°C.
4. Aluminium versions are not marked or permitted for Group 1 applications.
5. When installed in accordance with Peppers Installation Instructions the standard product will maintain IP66 and IPX8 to a depth of 100 metres for 7 days.
6. Product may be manufactured with other male thread forms provided they are in compliance with IEC 60079–1 and minimum wall thickness' are maintained. Alternate threads forms may include, but are not limited to: – PG, BSPP, BSPT, NPSM.
7. Maximum plating thickness is 0.008mm.
8. Male external thread may be replaced with an internal female thread. These parts are given the designation – ARFR. This part has no o–ring interface seal.
9. Second female thread maybe of a reduced thread size and form.
10. Certification Order Code 'E' is not applicable to products marked solely with certificate number SIRA 10ATEX4133U.
11. Products may be marked with applicable protection concepts for codes E or F.
12. Products with internal threads other than Metric and NPT are not marked or permitted for use in Ex db applications. Protection concept code 'F' alternative.
13. All thread types have a tolerance of fit equal to or better than a medium fit to ISO 965–1 & ISO 965–3
14. ATEX specific coding is not relevant for products marked for IEC only.
15. Male parallel threaded Equipment fitted with silicone or nitrile O–ring, nomenclature part codes '1' and '3' respectively, and marked 'Ex nR' are approved for installations within an 'Ex nR' certified enclosure.

X–REFS:–

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TITLE ATEX RANGE ACCESSORIES
90° ADAPTORS & REDUCERS
SHT 1 OF 1

DRG. No.
PCG/ATX/90
ISSUE 3

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