

DRG. No.
PCG/ATX/SPMH

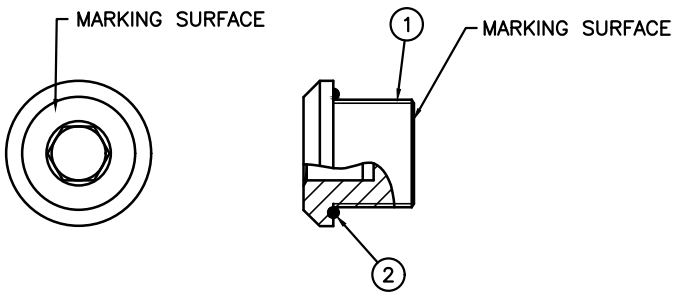
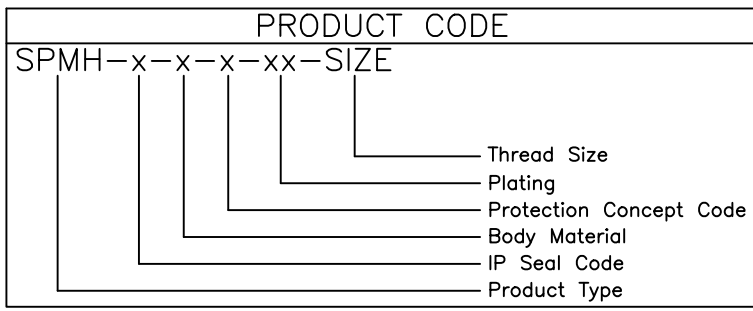
DO NOT SCALE OFF DRAWING "IF IN DOUBT ASK".
REPORT ALL ERRORS AND ALTERATIONS.

THIRD ANGLE PROJECTION

MARKING EXAMPLE

PEPPERS GU15 3BT UK
SPMH M20 CML19ATEX1089X
CML19ATEX4092X IECEx CML 19.0022X
Exdb I Mb & IIC Gb / Exeb I Mb & IIC Gb
Ex nR IIC Gc / Exta IIIC Da
(Ex) IM2 II 1D 2G 3G IP66 / IP68

DRAWN RJW
DATE 15/04/09
CHECKED
APPROVED
CAD REF PCGATXSPMH
SCALE N.T.S
ISSUE
1. Original
2. 21/04/2010
Marking clarification.
3. 19/03/2014
Part coding clarified,
smaller sizes & ET
references added.
S-11 drawing added.
4. 05/05/2018
Protection concepts
& cert' no's
updated. CSA
marking information
removed. Thread size
table updated. Note
4 amended. Notes
8, 9, 10 & 11
added.



IP Seal Types, Codes & Materials

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

Thread types	Thread sizes - metal plugs
ISO METRIC	M12*, M16, M20, M25, M32, M40, M50, M63, M75, M80, M85, M90, M100
NPT, NPSM	1/4*, 3/8*, 1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 3-1/2 and 4 inch
BSPT, BSPP (ISO pipe)	1/4*, 3/8*, 1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 3-1/2 and 4 inch
PG	7*, 9, 11, 13.5, 16, 21, 29, 36, 42, 48
NF C 68-312	PG48F
ET	1/2*, 5/8*, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2 and 3 inch

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

DRG No. CHART

Item No.	Description	Drg No.
1	Stopping Plug, Mushroom Head - Metric	PCG/ATX/S-1
1	Stopping Plug, Mushroom Head - NPT/NPSM	PCG/ATX/S-2
1	Stopping Plug, Mushroom Head - PG	PCG/ATX/S-3
1	Stopping Plug, Mushroom Head - ET	PCG/ATX/S-11
2	O-Ring Seal	PCG/ETOR

Protection Code Certificate Dependand	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

Associated Approval Documents

Document	Title
PCG/ATX/PEXMP	Peppers Ex Marking Plan

- NOTES:**
- Unless limited by the temperature of the o-ring, standard product, at the point of mounting, is approved for use between -100°C to +400°C.
 - Aluminium versions are not marked or permitted for Group 1 applications.
 - 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.
 - Product may be manufactured with other thread forms providing they are in conformance with IEC 60079-1.
 - Maximum plating thickness is 0.008mm.
 - Product may be manufactured with a shorter thread and be appropriately marked. E.g. for Exeb applications only.
 - Sizes marked with "*" are not permitted in Aluminium material.
 - ATEX specific coding is not relevant for products marked for IEC only.
 - Options with taper threads are not marked or intended for use in Exdb applications. Protection concept code 'F' alternative.
 - All thread types have a tolerance of fit equal to or better than a medium fit to ISO 965-1 & ISO 965-3.
 - 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.

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

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TITLE ATEX RANGE ACCESSORIES
STOPPING PLUG - MUSHROOM HEAD

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ISSUE 4