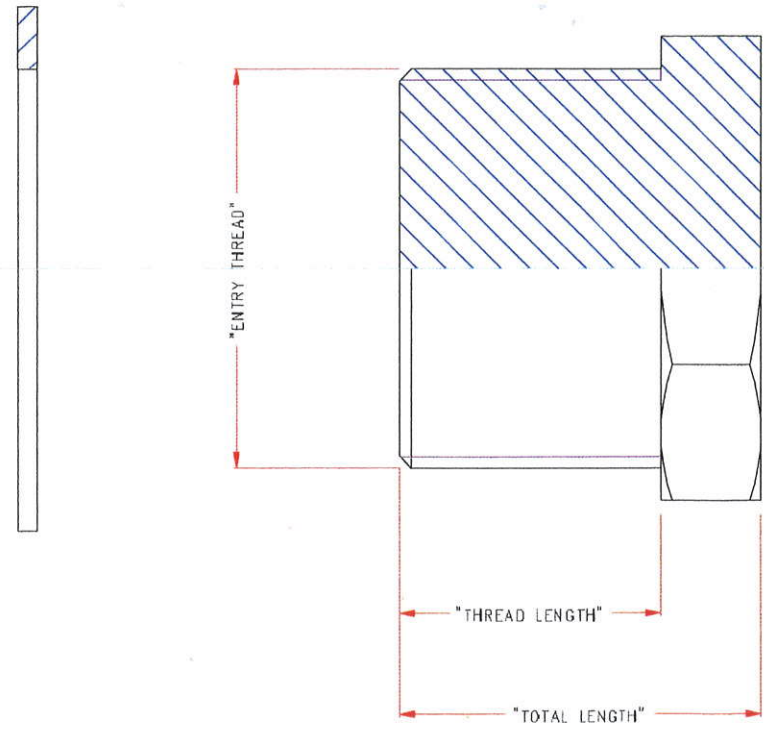


ASSEMBLY CAT No.		ENTRY THREAD	COMPONENT PART No.		MIN. THREAD LENGTH	TOTAL LENGTH	ACROSS FLATS
BRASS	STAINLESS STEEL		SEALING WASHER	BLANKING PLUG			
F-PM16	F-PM16SS	M16 X 1.5 - 6g	W16	PM16	13.0 MIN.	18.0	19.05 - HEX.
F-PM20	F-PM20SS	M20 X 1.5 - 6g	W20	PM20	13.0 MIN.	19.0	22.35 - HEX.
F-PM25	F-PM25SS	M25 X 1.5 - 6g	W25	PM25	13.0 MIN.	21.0	28.58 - HEX.
F-PM32	F-PM32SS	M32 X 1.5 - 6g	W32	PM32	20.0 MIN.	29.0	37.28 - OCT.
F-PM40	F-PM40SS	M40 X 1.5 - 6g	W40	PM40	20.0 MIN.	29.0	56.56 - OCT.
F-PM50	F-PM50SS	M50 X 1.5 - 6g	W50	PM50	20.0 MIN.	31.0	68.25 - OCT.
F-PM63	F-PM63SS	M63 X 1.5 - 6g	W63	PM63	20.0 MIN.	32.0	80.96 - OCT.
F-PM75	F-PM75SS	M75 X 1.5 - 6g	W75	PM75	20.0 MIN.	36.0	92.08 - OCT.
F-PM85	F-PM85SS	M85 X 2.0 - 6g	W85	PM85	22.0 MIN.	36.0	104.0 - OCT.
F-PM95	F-PM95SS	M95 X 2.0 - 6g	W95	PM95	22.0 MIN.	36.0	117.5 - OCT.
F-PM110	F-PM110SS	M110 X 2.0 - 6g	W110	PM110	22.0 MIN.	36.0	133.0 - OCT.

SEALING WASHER

BLANKING PLUG



TestSafe Australia

This drawing forms part of certification documents under Certificate Number

TestSafe AUSTRALIA

IECEx TSA: 14.0018

MARKING DETAILS

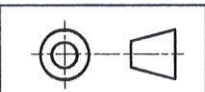
CMI SUREFIT "ASSEMBLY CAT. No."
(e.g. CMI SUREFIT F-PM32)
(LINE 1, 2.5mm MIN. HIGH TEXT)

Ex db Ex eb Ex ta IECEx TSA 14.0018
(LINE 2, 1.5mm MIN. HIGH TEXT)

NOTES

1. THE SPECIFICATIONS, DIMENSIONS AND RATINGS OF THE BLANKING PLUG COMPLY WITH IEC 60079 EXPLOSIVE ATMOSPHERES.
2. RECOMMENDED TORQUE SETTING IS 10 Nm FOR SECURING BLANKING PLUG.
3. REFER TO SUREFIT GLAND CATALOGUE FOR FITTING INSTRUCTIONS.
4. IPX8 RATING 5.7 METRES FOR 60 MINUTES.
5. SERVICE TEMPERATURE RANGE IS -20° TO +80° C.
6. BRASS COMPONENTS: FREE CUTTING BRASS C38500 GRADE TO BE NICKEL PLATED TO Cu/Ni 5b TO AS 1192 2004.

THIS DRAWING REMAINS THE PROPERTY OF MINTO INDUSTRIAL PRODUCTS AND MUST NOT BE LENT OR COPIED.



PART No. SEE TABLE

DO NOT SCALE DRAWING. DIMENSIONS IN MILLIMETRES.

cmi Electrical Products A division of CMI Operations Pty Ltd		DATE 04/11/14		DRAWING No A3	
		DESCRIPTION BLANKING PLUG ASSEMBLY		DRAWN DMC	
GENERAL TOLERANCE ±0.15 UNLESS OTHERWISE SPECIFIED		SCALE NTS		CHECKED APPROVED	
WATER AL N/A		FIN SH N/A		REVISION DATE 04/11/14	

1		2		3	4	5	6
ASSEMBLY CAT. No.		COMPONENT PART No.		MIN. THREAD LENGTH	TOTAL LENGTH	ACROSS FLATS	
BRASS	STAINLESS STEEL	ENTRY THREAD	SEALING WASHER	REDUCER			
F-RM2016	F-RM2016SS	M20 X 1.5 - 6g	W20	RM2016	13.0 MIN.	27.2	22.35 HEX
F-RM2516	F-RM2516SS	M25 X 1.5 - 6g	W25	RM2516	13.0 MIN.	30.2	28.58 HEX
F-RM2520	F-RM2520SS	M25 X 1.5 - 6g	W25	RM2520	13.0 MIN.	30.2	28.58 - HEX
F-RM3216	F-RM3216SS	M32 X 1.5 - 6g	W32	RM3216	20.0 MIN.	38.2	37.28 - OCT.
F-RM3220	F-RM3220SS	M32 X 1.5 - 6g	W32	RM3220	20.0 MIN.	38.2	37.28 - OCT.
F-RM3225	F-RM3225SS	M32 X 1.5 - 6g	W32	RM3225	20.0 MIN.	38.2	37.28 - OCT.
F-RM4016	F-RM4016SS	M40 X 1.5 - 6g	W40	RM4016	20.0 MIN.	38.2	56.56 OCT.
F-RM4020	F-RM4020SS	M40 X 1.5 - 6g	W40	RM4020	20.0 MIN.	38.2	56.56 OCT.
F-RM4025	F-RM4025SS	M40 X 1.5 - 6g	W40	RM4025	20.0 MIN.	38.2	56.56 - OCT.
F-RM4032	F-RM4032SS	M40 X 1.5 - 6g	W40	RM4032	20.0 MIN.	38.2	56.56 - OCT.
F-RM5016	F-RM5016SS	M50 X 1.5 - 6g	W50	RM5016	20.0 MIN.	40.2	68.25 - OCT.
F-RM5020	F-RM5020SS	M50 X 1.5 - 6g	W50	RM5020	20.0 MIN.	40.2	68.25 - OCT.
F-RM5025	F-RM5025SS	M50 X 1.5 - 6g	W50	RM5025	20.0 MIN.	40.2	68.25 - OCT.
F-RM5032	F-RM5032SS	M50 X 1.5 - 6g	W50	RM5032	20.0 MIN.	40.2	68.25 OCT.
F-RM5040	F-RM5040SS	M50 X 1.5 - 6g	W50	RM5040	20.0 MIN.	40.2	68.25 - OCT.
F-RM6316	F-RM6316SS	M63 X 1.5 - 6g	W63	RM6316	20.0 MIN.	41.2	80.96 OCT.
F-RM6320	F-RM6320SS	M63 X 1.5 - 6g	W63	RM6320	20.0 MIN.	41.2	80.96 - OCT.
F-RM6325	F-RM6325SS	M63 X 1.5 - 6g	W63	RM6325	20.0 MIN.	41.2	80.96 - OCT.
F-RM6332	F-RM6332SS	M63 X 1.5 - 6g	W63	RM6332	20.0 MIN.	41.2	80.96 - OCT.
F-RM6340	F-RM6340SS	M63 X 1.5 - 6g	W63	RM6340	20.0 MIN.	41.2	80.96 - OCT.
F-RM6350	F-RM6350SS	M63 X 1.5 - 6g	W63	RM6350	20.0 MIN.	41.2	80.96 - OCT.
F-RM7516	F-RM7516SS	M75 X 1.5 - 6g	W75	RM7516	20.0 MIN.	45.2	92.08 OCT.
F-RM7520	F-RM7520SS	M75 X 1.5 - 6g	W75	RM7520	20.0 MIN.	45.2	92.08 - OCT.
F-RM7525	F-RM7525SS	M75 X 1.5 - 6g	W75	RM7525	20.0 MIN.	45.2	92.08 - OCT.
F-RM7532	F-RM7532SS	M75 X 1.5 - 6g	W75	RM7532	20.0 MIN.	45.2	92.08 - OCT.
F-RM7540	F-RM7540SS	M75 X 1.5 - 6g	W75	RM7540	20.0 MIN.	45.2	92.08 - OCT.
F-RM7550	F-RM7550SS	M75 X 1.5 - 6g	W75	RM7550	20.0 MIN.	45.2	92.08 - OCT.
F-RM7563	F-RM7563SS	M75 X 1.5 - 6g	W75	RM7563	20.0 MIN.	45.2	92.08 OCT.
F-RM8516	F-RM8516SS	M85 X 2.0 - 6g	W85	RM8516	22.0 MIN.	45.2	104.0 - OCT.
F-RM8520	F-RM8520SS	M85 X 2.0 - 6g	W85	RM8520	22.0 MIN.	45.2	104.0 - OCT.
F-RM8525	F-RM8525SS	M85 X 2.0 - 6g	W85	RM8525	22.0 MIN.	45.2	104.0 - OCT.
F-RM8532	F-RM8532SS	M85 X 2.0 - 6g	W85	RM8532	22.0 MIN.	45.2	104.0 - OCT.
F-RM8540	F-RM8540SS	M85 X 2.0 - 6g	W85	RM8540	22.0 MIN.	45.2	104.0 - OCT.
F-RM8550	F-RM8550SS	M85 X 2.0 - 6g	W85	RM8550	22.0 MIN.	45.2	104.0 OCT.
F-RM8563	F-RM8563SS	M85 X 2.0 - 6g	W85	RM8563	22.0 MIN.	45.2	104.0 - OCT.
F-RM8575	F-RM8575SS	M85 X 2.0 - 6g	W85	RM8575	22.0 MIN.	45.2	104.0 - OCT.
F-RM9516	F-RM9516SS	M95 X 2.0 - 6g	W95	RM9516	22.0 MIN.	45.2	117.5 - OCT.
F-RM9520	F-RM9520SS	M95 X 2.0 - 6g	W95	RM9520	22.0 MIN.	45.2	117.5 - OCT.
F-RM9525	F-RM9525SS	M95 X 2.0 - 6g	W95	RM9525	22.0 MIN.	45.2	117.5 - OCT.
F-RM9532	F-RM9532SS	M95 X 2.0 - 6g	W95	RM9532	22.0 MIN.	45.2	117.5 OCT.
F-RM9540	F-RM9540SS	M95 X 2.0 - 6g	W95	RM9540	22.0 MIN.	45.2	117.5 - OCT.
F-RM9550	F-RM9550SS	M95 X 2.0 - 6g	W95	RM9550	22.0 MIN.	45.2	117.5 - OCT.
F-RM9563	F-RM9563SS	M95 X 2.0 - 6g	W95	RM9563	22.0 MIN.	45.2	117.5 - OCT.
F-RM9575	F-RM9575SS	M95 X 2.0 - 6g	W95	RM9575	22.0 MIN.	45.2	117.5 - OCT.
F-RM9585	F-RM9585SS	M95 X 2.0 - 6g	W95	RM9585	22.0 MIN.	45.2	117.5 - OCT.
F-RM11016	F-RM11016SS	M110 X 2.0 - 6g	W110	RM11016	22.0 MIN.	45.2	133.0 - OCT.
F-RM11020	F-RM11020SS	M110 X 2.0 - 6g	W110	RM11020	22.0 MIN.	45.2	133.0 - OCT.
F-RM11025	F-RM11025SS	M110 X 2.0 - 6g	W110	RM11025	22.0 MIN.	45.2	133.0 - OCT.
F-RM11032	F-RM11032SS	M110 X 2.0 - 6g	W110	RM11032	22.0 MIN.	45.2	133.0 OCT.
F-RM11040	F-RM11040SS	M110 X 2.0 - 6g	W110	RM11040	22.0 MIN.	45.2	133.0 - OCT.
F-RM11050	F-RM11050SS	M110 X 2.0 - 6g	W110	RM11050	22.0 MIN.	45.2	133.0 - OCT.
F-RM11063	F-RM11063SS	M110 X 2.0 - 6g	W110	RM11063	22.0 MIN.	45.2	133.0 - OCT.
F-RM11075	F-RM11075SS	M110 X 2.0 - 6g	W110	RM11075	22.0 MIN.	45.2	133.0 - OCT.
F-RM11085	F-RM11085SS	M110 X 2.0 - 6g	W110	RM11085	22.0 MIN.	45.2	133.0 OCT.
F-RM11095	F-RM11095SS	M110 X 2.0 - 6g	W110	RM11095	22.0 MIN.	45.2	133.0 OCT.

SEALING WASHER

REDUCER

MARKING DETAILS

CMI SUREFIT "ASSEMBLY CAT. No."
(e.g. CMI SUREFIT F RM32)
(LINE 1, 2.5mm MIN. HIGH TEXT)

Ex db Ex eb Ex la IECEx TSA 14.0018
(LINE 2, 1.5mm MIN. HIGH TEXT)

NOTES

1. THE SPECIFICATIONS, DIMENSIONS AND RATINGS OF THE REDUCER COMPLY WITH IEC 60079 EXPLOSIVE ATMOSPHERES.
2. RECOMMENDED TORQUE SETTING IS 10 Nm FOR SECURING REDUCER.
3. REFER TO SUREFIT GLAND CATALOGUE FOR FITTING INSTRUCTIONS.
4. PXB RATING IS 7 METRES FOR 60 MINUTES.
5. SERVICE TEMPERATURE RANGE IS 20° TO +80° C.
6. BRASS COMPONENTS: FREE CUTTING BRASS C38500 GRADE TO BE NICKEL PLATED TO Cu/Ni 5b TO AS 1192 2004.

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DO NOT SCALE DRAWING. DIMENSIONS IN MILLIMETRES.

PART No. SEE TABLE

TestSafe Australia

This drawing forms part of certification documents under Certificate Number

IECEx TSA: 14.0018

cmi Electrical Products

A division of CMI Operations Pty Ltd

GENERAL TOLERANCE ±0.15 UNLESS OTHERWISE SPECIFIED

WATER AL N/A

FIN SH N/A

REVISION

MINTO INDUSTRIAL PRODUCTS

REDUCER ASSEMBLY

SCALE NTS

DATE 04/11/14

DRAWN DMC

CHECKED

APPROVED

A3

DRAWING No. F-RM

	1		2		3		4		5		6				
	ASSEMBLY CAT. NO.	ENTRY THREAD	COMPONENT PART No.											MIN. THREAD LENGTH	CABLE ACCEPTANCE
A	BRASS		SEALING WASHER	GLAND BODY	GROMMET	INNER CONE	OUTER CONE	CENTRE BODY	O'RING	GROMMET	FRICTION WASHER	BACK NUT			
	FWPM0	M20 X 1.5 6g	W20	FWPM0 1	FWP0 2	FWP0 3	FWP0 4	FWP0 5	FWP0 6	FWP0 7	FWP0 8	FWP0 9	15.0 MIN.	9.0 11.9	30
	FWPM1	M20 X 1.5 6g	W20	FWPM1 1	FWP1 2	FWP1 3	FWP1 4	FWP1 5	FWP1 6	FWP1 7	FWP1 8	FWP1 9	15.0 MIN.	11.5 13.5	30
	FWPM1A	M20 X 1.5 6g	W20	FWPM1A-1	FWP1A-2	FWP1A-3	FWP1A 4	FWP1A-5	FWP1A-6	FWP1A-7	FWP1A-8	FWP1A-9	15.0 MIN.	13.5-17.2	30
	FWPM1B-25	M25 X 1.5 6g	W25	FWPM1B-25-1	FWP1B-2	FWP1B-3	FWP1B-4	FWP1B-5	FWP1B-6	FWP1B-7	FWP1B-8	FWP1B-9	15.0 MIN.	17.0-19.6	40
	FWPM2	M25 X 1.5 6g	W25	FWPM2-1	FWP2-2	FWP2-3	FWP2-4	FWP2-5	FWP2-6	FWP2-7	FWP2-8	FWP2-9	15.0 MIN.	19.5-22.1	40
	FWPM2A	M25 X 1.5 6g	W25	FWPM2A 1	FWP2A 2	FWP2A 3	FWP2A-4	FWP2A 5	FWP2A 6	FWP2A 7	FWP2A 8	FWP2A 9	15.0 MIN.	22.0 26.2	40
	FWPM2B 32	M32 X 1.5 6g	W32	FWPM2B 32 1	FWP2B 2	FWP2B 3	FWP2B 4	FWP2B 5	FWP2B 6	FWP2B 7	FWP2B 8	FWP2B 9	15.0 MIN.	26.0 28.7	50
	FWPM3	M32 X 1.5 6g	W32	FWPM3 1	FWP3 2	FWP3 3	FWP3 4	FWP3 5	FWP3 6	FWP3 7	FWP3 8	FWP3 9	15.0 MIN.	28.5 31.2	50
	FWPM3A	M32 X 1.5 6g	W32	FWPM3A-1	FWP3A-2	FWP3A-3	FWP3A 4	FWP3A-5	FWP3A-6	FWP3A-7	FWP3A-8	FWP3A-9	20.0 MIN.	31.0-35.2	50
B	FWPM4	M40 X 1.5 6g	W40	FWPM4 1	FWP4-2	FWP4-3	FWP4 4	FWP4-5	FWP4-6	FWP4 7	FWP4-8	FWP4-9	20.0 MIN.	35.0-38.5	80
	FWPM4A	M40 X 1.5 6g	W40	FWPM4A-1	FWP4A-2	FWP4A-3	FWP4A-4	FWP4A-5	FWP4A-6	FWP4A-7	FWP4A-8	FWP4A-9	20.0 MIN.	38.5-41.7	60
	FWPM5	M50 X 1.5 6g	W50	FWPM5 1	FWP5 2	FWP5 3	FWP5-4	FWP5 5	FWP5 6	FWP5 7	FWP5 8	FWP5 9	20.0 MIN.	41.5-46.7	100
	FWPM5A	M50 X 1.5 6g	W50	FWPM5A 1	FWP5A 2	FWP5A 3	FWP5A-4	FWP5A 5	FWP5A 6	FWP5A 7	FWP5A 8	FWP5A 9	20.0 MIN.	46.5-51.3	100
	FWPM5B	M50 X 1.5 6g	W50	FWPM5B 1	FWP5B 2	FWP5B 3	FWP5B 4	FWP5B 5	FWP5B 6	FWP5B 7	FWP5B 8	FWP5B 9	20.0 MIN.	51.0 55.4	100
	FWPM6	M63 X 1.5 6g	W63	FWPM6-1	FWP6-2	FWP6-3	FWP6 4	FWP6-5	FWP6-6	FWP6-7	FWP6-8	FWP6-9	20.0 MIN.	55.0-60.2	100
	FWPM6A	M63 X 1.5 6g	W63	FWPM6A-1	FWP6A-2	FWP6A-3	FWP6A 4	FWP6A-5	FWP6A-6	FWP6A-7	FWP6A-8	FWP6A-9	20.0 MIN.	60.0 64.1	130
	FWPM6B	M63 X 1.5 6g	W63	FWPM6B-1	FWP6B-2	FWP6B-3	FWP6B-4	FWP6B-5	FWP6B-6	FWP6B-7	FWP6B-8	FWP6B-9	20.0 MIN.	64.0-68.2	130

SEALING WASHER

GLAND BODY

GROMMET

INNER CONE

OUTER CONE

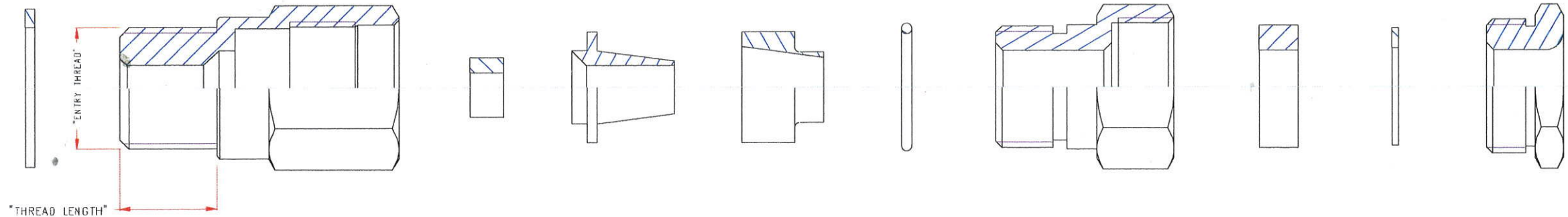
O'RING

CENTER BODY

GROMMET

FRICTION WASHER

BACK NUT



MARKING DETAILS

CMI SUREFIT "ASSEMBLY CAT. No."
(e.g. CMI SUREFIT FWPM3A)
(LINE 1, 2.5mm MIN. HIGH TEXT)
Ex db Ex eb Ex la IECEx TSA 14.0018
(LINE 2, 1.5mm MIN. HIGH TEXT)

TestSafe Australia

TestSafe AUSTRALIA

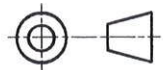
This drawing forms part of certification documents under Certificate Number

IECEx TSA: 14.0018

NOTES

1. THE SPECIFICATIONS, DIMENSIONS AND RATINGS OF THE GLAND COMPLY WITH IEC 60079 EXPLOSIVE ATMOSPHERES.
2. REFER TO SUREFIT GLAND CATALOGUE FOR FITTING INSTRUCTIONS.
3. IPXB RATING IS 7 METRES FOR 60 MINUTES.
4. SERVICE TEMPERATURE RANGE IS -20° TO +80° C.
5. BRASS COMPONENTS: FREE CUTTING BRASS C38500 GRADE TO BE NICKEL PLATED TO Cu/Ni 5b TO AS 1192 2004.

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PART No. SEE TABLE

DO NOT SCALE DRAWING. DIMENSIONS IN MILLIMETRES.

D	C	B	A	DATE	ZONE	REV
04/11/14	26/08/10	26/08/10	26/08/10			
DESCRIPTION	FWPM GLAND ASSEMBLY					
GENERAL TOLERANCE ±0.25 UNLESS OTHERWISE SPECIFIED						
WATER AL	N/A					
FIN SH	N/A					
SCALE	NTS	DATE	20/05/96	DRAWING No		
DRAWN	DMC	CHECKED		A3		
		APPROVED		FWPM		

cmi

Electrical Products

A division of CMI Operations Pty Ltd

MINTO INDUSTRIAL PRODUCTS

1		2	3						4	5	6	
ASSEMBLY CAT. No.		ENTRY THREAD	COMPONENT PART No.						M.N. THREAD LENGTH	CABLE ACCEPTANCE	TORQUE ON BACK NUT (Nm)	
STANDED VERSION	EXTENDED TAIL VERSION		GLAND BODY	SEALNG WASHER	GROMMET	FRC TION WASHER	BACK NUT	EXTENDED TAIL BACK NUT				
GWPM0	GWPME0	M20 X 1.5 6g	GWPM0-1	W20	GWPM0-2	GWPM0-3	GWPM0-4	GWPEX0-4	13.0 MIN.	3.0-7.1	40	
GWPM1	GWPME1	M20 X 1.5 6g	GWPM1-1	W20	GWPM1-2	GWPM1-3	GWPM1-4	GWPEX1-4	13.0 MIN.	6.5-9.5	40	
GWPM1A	GWPME1A	M20 X 1.5 6g	GWPM1A-1	W20	GWPM1A-2	GWPM1A-3	GWPM1A-4	GWPEX1A-4	13.0 MIN.	9.0-11.9	40	
*GWPM1BSS	*GWPME1BSS	M20 X 1.5 6g	*GWPM1B-1SS	W20	GWPM1B-2	GWPM1B-3	GWPM1B-4	GWPEX1B-4	13.0 MIN.	11.5-14.3	40	
GWPM1B-25	GWPME1B-25	M25 X 1.5 6g	GWPM1B-25	W25	GWPM1B-2	GWPM1B-3	GWPM1B-4	GWPEX1B-4	13.0 MIN.	11.5-14.3	50	
GWPM2	GWPME2	M25 X 1.5 6g	GWPM2-1	W25	GWPM2-2	GWPM2-3	GWPM2-4	GWPEX2-4	13.0 MIN.	13.5-17.5	50	
*GWPM2ASS	*GWPME2ASS	M25 X 1.5 6g	*GWPM2A-1SS	W25	GWPM2A-2	GWPM2A-3	GWPM2A-4	GWPEX2A-4	13.0 MIN.	17.0-20.1	50	
GWPM2A-32	GWPME2A-32	M32 X 1.5 6g	GWPM2A-32-1	W32	GWPM2A-2	GWPM2A-3	GWPM2A-4	GWPEX2A-4	13.0 MIN.	17.0-20.1	65	
GWPM3	GWPME3	M32 X 1.5 6g	GWPM3-1	W32	GWPM3-2	GWPM3-3	GWPM3-4	GWPEX3-4	20.0 MIN.	19.5-23.8	65	
GWPM3A	GWPME3A	M32 X 1.5 6g	GWPM3A-1	W32	GWPM3A-2	GWPM3A-3	GWPM3A-4	GWPEX3A-4	20.0 MIN.	22.5-27.0	70	
GWPM4	GWPME4	M40 X 1.5 6g	GWPM4-1	W40	GWPM4-2	GWPM4-3	GWPM4-4	GWPEX4-4	20.0 MIN.	26.0-29.4	80	
GWPM4A	GWPME4A	M40 X 1.5 6g	GWPM4A-1	W40	GWPM4A-2	GWPM4A-3	GWPM4A-4	GWPEX4A-4	20.0 MIN.	28.5-32.5	100	
GWPM5	GWPME5	M50 X 1.5 6g	GWPM5-1	W50	GWPM5-2	GWPM5-3	GWPM5-4	GWPEX5-4	20.0 MIN.	31.0-36.5	100	
GWPM5A	GWPME5A	M50 X 1.5 6g	GWPM5A-1	W50	GWPM5A-2	GWPM5A-3	GWPM5A-4	GWPEX5A-4	20.0 MIN.	35.0-40.5	120	
GWPM5B	GWPME5B	M50 X 1.5 6g	GWPM5B-1	W50	GWPM5B-2	GWPM5B-3	GWPM5B-4	GWPEX5B-4	20.0 MIN.	39.5-43.8	120	
GWPM6	GWPME6	M63 X 1.5 6g	GWPM6-1	W63	GWPM6-2	GWPM6-3	GWPM6-4	GWPEX6-4	20.0 MIN.	42.5-48.4	120	
GWPM6A	GWPME6A	M63 X 1.5 6g	GWPM6A-1	W63	GWPM6A-2	GWPM6A-3	GWPM6A-4	GWPEX6A-4	20.0 MIN.	47.0-52.4	150	
GWPM6B	GWPME6B	M63 X 1.5 6g	GWPM6B-1	W63	GWPM6B-2	GWPM6B-3	GWPM6B-4	GWPEX6B-4	20.0 MIN.	51.0-56.0	150	
GWPM7A	GWPME7A	M75 X 1.5 6g	GWPM7A-1	W75	GWPM7A-2	GWPM7A-3	GWPM7A-4	GWPEX7A-4	20.0 MIN.	55.0-59.3	150	
GWPM7B	GWPME7B	M75 X 1.5 6g	GWPM7B-1	W75	GWPM7B-2	GWPM7B-3	GWPM7B-4	GWPEX7B-4	20.0 MIN.	58.0-62.6	150	
GWPM7C	GWPME7C	M75 X 1.5 6g	GWPM7C-1	W75	GWPM7C-2	GWPM7C-3	GWPM7C-4	GWPEX7C-4	20.0 MIN.	61.0-65.9	150	
GWPM8A	GWPME8A	M85 X 2.0 6g	GWPM8A-1	W85	GWPM8A-2	GWPM8A-3	GWPM8A-4	GWPEX8A-4	22.0 MIN.	64.0-69.1	170	
GWPM8B	GWPME8B	M85 X 2.0 6g	GWPM8B-1	W85	GWPM8B-2	GWPM8B-3	GWPM8B-4	GWPEX8B-4	22.0 MIN.	67.5-72.3	170	
GWPM8C	GWPME8C	M85 X 2.0 6g	GWPM8C-1	W85	GWPM8C-2	GWPM8C-3	GWPM8C-4	GWPEX8C-4	22.0 MIN.	69.5-75.5	170	
GWPM8D	GWPME8D	M85 X 2.0 6g	GWPM8D-1	W85	GWPM8D-2	GWPM8D-3	GWPM8D-4	GWPEX8D-4	22.0 MIN.	74.0-78.6	170	
GWPM9A	GWPME9A	M95 X 2.0 6g	GWPM9A-1	W95	GWPM9A-2	GWPM9A-3	GWPM9A-4	GWPEX9A-4	22.0 MIN.	77.0-81.8	190	
GWPM9B	GWPME9B	M95 X 2.0 6g	GWPM9B-1	W95	GWPM9B-2	GWPM9B-3	GWPM9B-4	GWPEX9B-4	22.0 MIN.	80.0-85.0	190	
GWPM9C	GWPME9C	M95 X 2.0 6g	GWPM9C-1	W95	GWPM9C-2	GWPM9C-3	GWPM9C-4	GWPEX9C-4	22.0 MIN.	83.0-88.2	220	

SEALING
WASHER

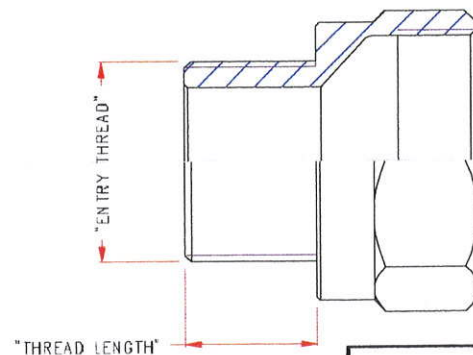
GLAND BODY

GROMMET

FRICTION
WASHER

BACK NUT

BACK NUT
EXTENDED TAIL



MARKING DETAILS

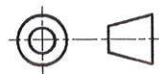
CMI SUREFIT "ASSEMBLY CAT. No."
(e.g. CMI SUREFIT GWPM3A OR
CMI SUREFIT GWPME3A)
(LINE 1, 2.5mm MIN. HIGH TEXT)

Ex db Ex eb Ex ta IECEx TSA 14.0018
(LINE 2, 1.5mm MIN. HIGH TEXT)

NOTES

1. THE SPECIFICATIONS, DIMENSIONS AND RATINGS OF THE GLAND COMPLY WITH IEC 60079 EXPLOSIVE ATMOSPHERES.
2. ADD "SS" TO PART No. FOR STAINLESS STEEL VERSION. (e.g. GWPM3ASS).
3. "*" INDICATES STAINLESS STEEL VERSION ONLY (NOT AVAILABLE NICKEL PLATED BRASS).
4. REFER TO SUREFIT GLAND CATALOGUE FOR FITTING INSTRUCTIONS.
5. IPXB RATING IS 7 METRES FOR 60 MINUTES.
6. SERVICE TEMPERATURE RANGE 5 20° TO +80° C.
7. BRASS COMPONENTS: FREE CUTTING BRASS C38500 GRADE TO BE NICKEL PLATED TO Cu/Ni 50 TO AS 1192-2004.

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THE PROPERTY OF MINTO
INDUSTRIAL PRODUCTS AND
MUST NOT BE LENT OR COPIED.



DO NOT SCALE DRAWING.
DIMENSIONS IN MILLIMETRES.

PART No. SEE TABLE

TestSafe Australia

This drawing forms part of certification
documents under Certificate Number

TestSafe
AUSTRALIA

IECEx TSA: 14.0018

cmi Electrical
Products
A division of CMI Operations Pty Ltd

MINTO INDUSTRIAL PRODUCTS

GENERAL TOLERANCE ± 0.25
UNLESS OTHERWISE SPECIFIED
WATER AL N/A
FIN SH N/A

DESCRIPTION
GWPM GLAND ASSEMBLY

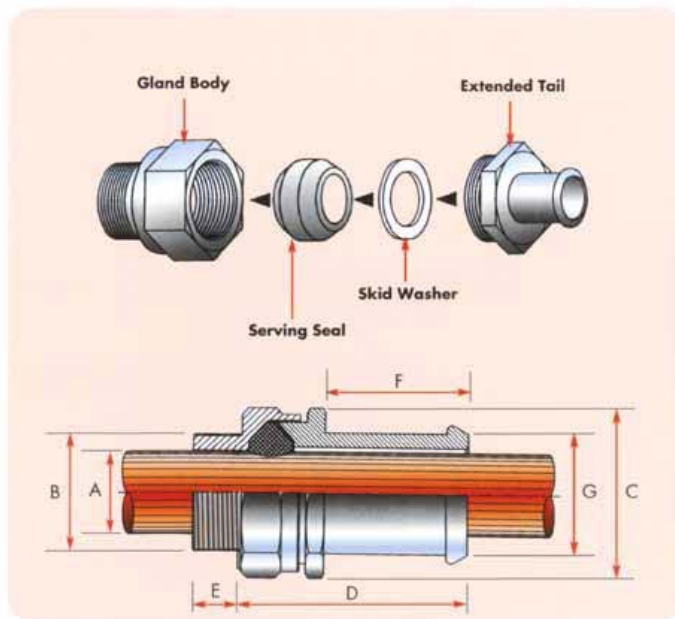
SCALE NTS DATE 04/11/14
DRAWN DMC CHECKED APPROVED

DRAWING No
A3 GWPM

Fitting Instructions for Surefit GWPM Series Explosion Protected Glands

Fitting Instructions:

1. Disassemble Back Nut/Extended Tail, Skid Washer and Serving Seal from Gland Body
*Either Back Nut (not shown) or Extended Tail options available
2. Assemble Gland Body to equipment, using Sealing Washer if required (not shown)
3. Insert cable through Back Nut/Extended Tail, Skid Washer, Serving Seal and Gland Body to length required
4. Assemble Serving Seal, Skid Washer and Back Nut/Extended Tail onto Gland Body
5. Tighten Back Nut/Extended Tail to recommended torque values
6. Fit conduit or hose, over Extended Tail spigot and secure with suitable clamp (not shown)



THREAD	*TORQUE (Nm)	**TORQUE (Nm)
M20	30	40
M25	40	50
M32	50	70
M40	60	100
M50	100	120
M63	100	150
M75	130	150
M85	130	170
M95	190	220

Note 1:

- Refer to CMI Catalogue for dimensional details or cable gland selection criteria
- (*) Reducer, Blanking Plug and Gland Body torque values
- (**) Back Nut/Extended Tail torque values

Note 2 - Reuse of Surefit Glands:

As the integrity of Surefit Glands that have been in use cannot be guaranteed, CMI Electrical do not recommend their reuse.

Certification details:

- Certification type: IEC 60079.0 – 2011; IEC 60079.1 – 2007; IEC 60529 – 2013
- Certificate of Conformity: IECEX TSA 14.0018
- Protection type: Ex d I/IIC Mb/Gb, Ex e I/IIC Mb/Gb, Ex t IIIC Db
- Ingress Protection rating: IP 66/68* (* 7.0 m for 1.0 hr – requires the use of a Sealing Washer)

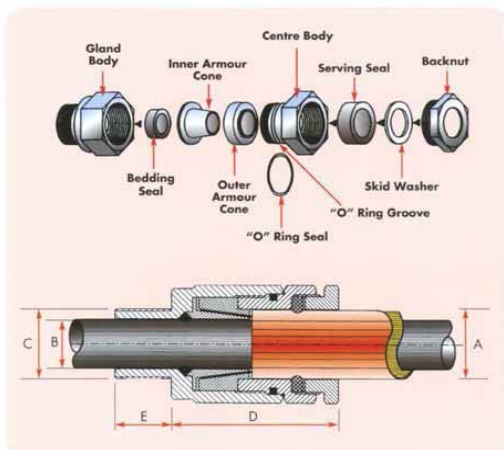
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TSG-1 Surefit Glands Fitting Instruction Rev: C - 22/02/2017

Fitting Instructions for Surefit FWPM Series Explosion Protected Glands

Fitting Instructions:

1. Detach Back Nut from assembly
2. Remove Skid Washer and Serving Seal from assembly.
3. Detach Centre Body with O'ring seal from remaining assembled components.
4. Remove Outer Armour Cone, Inner Armour Cone and Bedding Seal from Gland Body.
5. Assemble or mount Gland Body onto equipment, using Sealing Washer if required (not shown).
6. Insert cable through Back Nut, Skid Washer, Serving Seal and Centre Body
7. Protrude cable past Centre Body at make off length.
8. Insert Serving Seal and Skid Washer into Centre Body threaded hole.
9. Nip up Back Nut into Centre Body to hold cable at make off length.
10. Trim protruding cable up to end of Centre Body.
11. Slide Outer Armour Cone over cable armour and press against Centre Body
12. Mark cable armour at Outer Armour Cone face, remove Outer Armour Cone and cut cable armour.
13. Slide Outer Armour Cone over armour and Inner Armour Cone under cable armour, spreading the armour; tap Inner Armour Cone under cable armour, to hold.
14. Place Bedding Seal onto cable and against Inner Armour Cone
15. Release Back Nut.
16. Complete assembly by inserting cable end with fitted items, through installed Gland Body; assemble Centre Body into Gland Body, initially tightening Gland Body and later Back Nut, both to recommended torque values.



THREAD	*TORQUE (Nm)	**TORQUE (Nm)
M20	30	30
M25	40	40
M32	50	50
M40	60	80
M50	100	100
M63	100	130

Note 1:

- Refer to CMI Catalogue for dimensional details or cable gland selection criteria
- (*) Reducer, Blanking Plug and Gland Body torque values
- (**) Back Nut torque values

Note 2 - Reuse of Surefit Glands:

As the integrity of Surefit Glands that have been in use cannot be guaranteed, CMI Electrical do not recommend their reuse.

Certification details:

- Certification type: IEC 60079.0 – 2011; IEC 60079.1 – 2007; IEC 60529 – 2013
- Certificate of Conformity: IECEx TSA 14.0018
- Protection type: Ex d I/IIC Mb/Gb, Ex e I/IIC Mb/Gb, Ex t IIIC Db
- Ingress Protection rating: IP 66/68* (* 7.0 m for 1.0 hr – requires the use of a Sealing Washer)

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TSG-2 Surefit Glands Fitting Instruction Rev: C - 22/02/2017