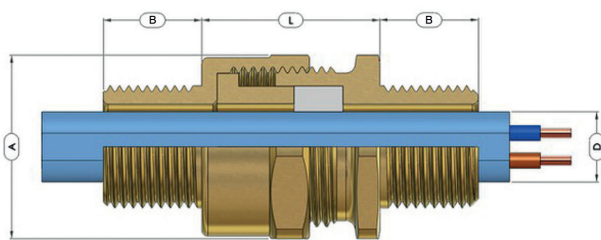




# PRODUCT TYPE A8CM

## Single Compression Gland designed for use with Armoured and Unarmoured Flat Cables and featuring a Male Conduit Connection

Ex d : Ex e : Ex nR : Ex ta : IP66 : IP68 : Class I Div 2 : AEx e : AEx ta



REFERENCE NUMBER: 3.3.1

EXAMPLE PART NUMBERING:  
A8CMBFM20/NP/20/M20

<b>A</b>	Gland designed for use with Unarmoured Cables
<b>8</b>	Silicone Seal for Flat Cables
<b>CM</b>	Male Conduit Connection Thread
<b>B</b>	Brass (B) / Stainless Steel (S)
<b>F</b>	Multiple Certification
<b>M20</b>	M20 x 1.5 Male Conduit Connection Thread
<b>L</b>	Locknut (material dictated by gland entry thread material)
<b>N</b>	Including IP Washer, Nylon (N) - Fibre (V) - PTFE (H)
<b>T</b>	Including Earth Tag
<b>S</b>	Including Serrated Washer
<b>1</b>	Quantity per kit
<b>NP</b>	Nickel Plated
<b>20</b>	Gland shell size
<b>M20</b>	M20 x 1.5 Male Entry Thread

OPTIONAL ACCESSORIES:

<b>LOCKNUT</b>	Brass (ACBLN) / Stainless Steel (ACSLN)
<b>EARTH TAG</b>	Brass (ACBET) / Stainless Steel (ACSET)
<b>IP WASHERS</b>	Nylon (ACNSW) / Fibre (ACFSW) / PTFE (ACPSW)
<b>SERRATED WASHERS</b>	Stainless Steel (ACSSW)

<b>IP RATING:</b>	IP66 & IP68 (50 metres - 7 Days), Type 4X
<b>OPERATING TEMP:</b>	Silicone Seals -60°C to +180°C
<b>MATERIALS:</b>	Brass or Stainless Steel
<b>PLATING:</b>	Electroless Nickel

CABLE GLAND SELECTION TABLE  
(ALL DIMENSIONS IN mm)

Gland Size	Entry Thread Size		Metric Thread Length [B]	Connection Thread Options		Cable Outer Sheath [D]				Nominal Protusion Length [L]	Dimensions/Weight (Metric Versions)		
	Metric	NPT		Metric	NPT	Width		Thickness			Across Flats [A]	Across Corners	Weight Kgs
20S	M20 x 1.5	1/2" or 3/4"	16	M20 x 1.5	1/2" or 3/4"	6.3	11.7	4.0	7.0	31	30.0	33.0	0.132
20R	M20 x 1.5	1/2" or 3/4"	16	M20 x 1.5	1/2" or 3/4"	8.1	13.5	5.8	6.2	32	30.0	33.0	0.133
20	M20 x 1.5	1/2" or 3/4"	16	M20 x 1.5	1/2" or 3/4"	10.3	13.5	5.6	9.0	31	30.0	33.0	0.132
25	M25 x 1.5	3/4" or 1"	16	M25 x 1.5	3/4" or 1"	10.6	16.2	4.0	7.0	31	37.6	41.4	0.280

NOTES

- Gland size does not necessarily equate to the entry thread size.
- Dimensions (A) & (B) may differ for glands with non metric entry threads. Please refer to our "Thread Reference Tables" for specific dimensions.
- Assembly instructions must be read prior to installation and adhered to in full.
- Peppers supplies cable glands with parallel entry threads that conform to the flameproof threaded joint requirements of IEC/EN 60079-1 and other equivalent standards. They usually incorporate a thread run out according to the available machining techniques and will not have a full form thread for the entire length.

CERTIFICATION:

<b>ATEX</b>	II 1D 2G Ex d IIC Gb / Ex e IIC Gb / Ex ta IIIC Da II 3G Ex nR IIC Gc
<b>IECEX</b>	Ex d IIC Gb / Ex e IIC Gb / Ex ta IIIC Da
<b>NEC - USA</b>	Class I Zone 1 AEx e IIC Gb / Class II Zone 20 AEx ta IIIC Da (except size 25) Class II Division 1, Groups E, F & G Class III, Enclosure Type 4X
<b>EAC</b>	Exd IIICU / Exe IIU / ExnR IIU
<b>INMETRO - Brazil</b>	Ex d IIC Gb / Ex e IIC Gb / Ex ta IIIC Da / Ex nR IIC Gc
<b>SAC - China</b>	Ex d IIC / Ex e IIC
<b>UKRAINE</b>	Ex d IIC X / Ex e II X
<b>CCoE</b>	Petroleum Rules 2002 (PESO)
<b>ABS</b>	Specified ABS Rules
<b>LLOYD'S</b>	Enclosure Systems (Part 1B)
<b>RMRS</b>	Part XI of RS Rules for the classification & construction of sea-going ships (ed. 2014)

CERTIFICATION No:

<b>ATEX</b>	SIRA 01ATEX1270X & SIRA 09ATEX1221X
<b>IECEX</b>	IECEX SIR 05.0020X
<b>NEC - USA</b>	CSA 2627370
<b>EAC</b>	FU C-GB.ГБ06.В.00098
<b>SAC - China</b>	NCC 13.2187 X
<b>INMETRO - Brazil</b>	NEPSI GYJ16.1398X
<b>UKRAINE</b>	UA.TR.047.C.0408-13 & 2937
<b>CCoE - India</b>	PESO P365300/2 & P365300/6
<b>ABS</b>	14-LD463991-1-PDA
<b>LLOYD'S</b>	10/00056(E1)
<b>RMRS</b>	14.02755.315

- Peppers Cable Glands Limited will not be held responsible for clients' installations where this has not been taken into account.
- When selecting IP Washer material for use with glands, please be aware of the accessories temperature range to ensure they are suitable for the intended installation.
- Where approval in addition to ATEX, IECEX and CSA is required, this must be clearly requested at time of enquiry / order.