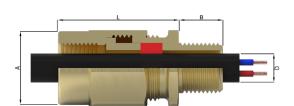
Single Compression Gland for Armoured and Unarmoured Flat Cable and featuring a Female Conduit Connection

Ex db : Ex eb : Ex nR : Ex ta : IP66 : IP68 : Class I Zone 1 : AEx eb : AEx ta



Gland designed for use with Unarmoured Cables Silicone Seal for Flat Cables CF Female Conduit Connection Thread Brass (B) / Stainless Steel (S) Multiple Certification к-v-н Locknut & Nylon (K), Fibre (V) or PTFE (H) IP Washer Including Earth Tag OPTIONS Including Serrated Washer Quantity per kit M20 x 1.5 Female Conduit Connection Thread NP 20 Gland shell size M20 x 1.5 Male Entry Thread

L	оскиит	Brass (ACBLN) / Stainless Steel (ACSLN)						
E	ARTH TAG	Brass (ACBET) / Stainless Steel (ACSET)						
11	P WASHERS	Nylon (ACNSW) / Fibre (ACFSW) / PTFE (ACPSW)						
s	ERRATED WASHERS	Stainless Steel (ACSSW)						
11	P RATING:	IP66 & IP68 (50 metres - 7 Days), Type 4X						
c	PERATING TEMP:	Silicone Seals -60°C to +180°C						
М	1ATERIALS:	Brass or Stainless Steel						
Р	LATING:	Electroless Nickel						

PRODUCT DESCRIPTION

"A8CF" type glands are certified Flameproof Ex db, Increased Safety Ex eb, Restricted Breathing Ex nR and Dust Protected Ex ta. They are suitable for use in Zone 1 and 2 for Gas Groups IIA, IIB and IIC and additionally for use in Zones 20, 21 and 22 for Dust Groups IIIA, IIB and IIC. Also certified for Zone and Division installations for use with Marine Shipboard and Tray Cables under the NEC and CEC. Developed for flat cables, they provide controlled Ex db, IP sealing and have been tested to IP66 and IP68 to 50 metres. The "A8CF" version is designed to accommodate unarmoured and armoured cables where sealing and retention is required only on the outer sheath and additionally provides a female thread for the connection of conduit.

COMPLIANCE STANDARDS:

EN 60079-0, EN 60079-1, EN 60079-7, EN 60079-15, EN 60079-31 IEC 60079-0, IEC 60079-1, IEC 60079-7, IEC 60079-31 & IEC 60529 C22.2 (see certificate), CAN/CSA 60079-0/1/7/31 UL514B, UL1203, UL2225, UL50E, ANSI/UL 60079-0/7, ISA 60079-31

CERTIFICATION:	UKEX	II 1D 2G Ex db IIC Gb / Ex eb IIC Gb / Ex ta IIIC Da
		II 3G Ex nR IIC Gc
	ATEX	II 1D 2G Ex db IIC Gb / Ex eb IIC Gb / Ex ta IIIC Da
E		II 3G Ex nR IIC Gc
ᄬ	IECEx	Ex db IIC Gb / Ex eb IIC Gb / Ex nR IIC Gc / Ex ta IIIC Da

CEC - Canada Ex db IIC Gb / Ex eb IIC Gb / Ex ta IIIC Da
Class II Group E, F & G

Class II Group E. F & G

 EAC
 1Ex d IIC Gb X / 1Ex e IIC Gb X / 2Ex nR IIC Gc X / Ex ta IIIC Da X

 INMETRO - Brazil
 Ex db IIC Gb / Ex eb IIC Gb / Ex nR IIC Gc / Ex ta IIIC Da

 CCC - China
 Ex d IIC Gb / Ex e IIC Gb / Ex nR IIC Gc / Ex tD A20

 UKRAINE
 II 2G Ex db IIC Gb / II 2G Ex eb IIC Gb / II 3G Ex nR IIC Gc / II 1D Ex ta IIIC Da

CCoE - India Ex db IIC Gb / Ex eb IIC Gb / Ex nR IIC Gc / Ex ta IIIC Da

ABS Specified ABS Rules

LLOYD'S Ex db IIC Gb / Ex eb IIC Gb / Ex nR IIC Gc / Ex ta IIIC Da

RS - Russia Ex d IIC Gb / Ex e IIC Gb / Ex ta IIIC Da

Class III Type 4X

 UKEX
 CML 21UKEX1033X & CML 21UKEX4043X

 ATEX
 CML 19ATEX1346X & CML 19ATEX4109X

 IECEx
 IECEx CML 19.0104X

 CEC - Canada
 CSA 1356011

 CEC - Canada
 CSA 1356011

 NEC - USA
 CSA 1356011

EAC RU C-GB.BH02.B.00693-18

 INMETRO - Brazii
 NCC 13.2187 X

 CCC - China
 2021312313000447

 UKRAINE
 CLI 18.0321 X

CCoE - India PESO P494321/7 & P494321/13

 ABS
 20-LD1944057-PDA

 LLOYD'S
 LR2124442TA

 RS - Russia
 19.00189.278

Gland Size	Entry Thread Size		Metric Thread	Connection Thread Options		Cable Outer ! Width		Sheath [D] Thickness		Nominal Protrusion	Dimensions/Weight (Metric Versions)		
	Metric	NPT	Length [B]	Metric	NPT	Min	Max	Min	Max	Length [L] (Metric)	Across Flats [A]	Across Corners	Weight (Kgs)
20\$	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	45	30.0	33.0	0.174
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	46	30.0	33.0	0.175
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	45	30.0	33.0	0.174
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	48	37.6	41.4	0.194

- 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 supply products with parallel entry threads that conform to the flameproof threaded joint requirements of IEC/EN 60079-1 and other equivalent standards. We usually incorporate a thread run out according to general machining techniques and parts will not have a full form thread for the entire length. Peppers Cable Glands Limited will not be held responsible for clients' installations where this has not been taken into account.
- When selecting IP Washer & Shroud material for use with glands, pleasebe aware of the accessories temperature range to ensure they are suitablefor the intended installation.
- Where approval in addition to UKEX, ATEX, IECEx and CSA is required, this must be clearly requested at time of enquiry / order.
- * Size 25 is not covered for RS applications.

EXAMPLE PART NUMBERING: A8CFBFM20/NP/20/M20

OTES