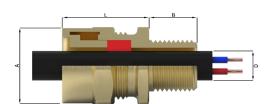
Ex db : Ex eb : Ex nR : Ex ta : IP66 : IP68 : Class II Zone 1 : AEx eb : AEx ta



LOCKNUT	Brass (ACBLN) / Stainless Steel (ACSLN)					
EARTH TAG	Brass (ACBET) / Stainless Steel (ACSET)					
IP WASHERS	Nylon (ACNSW) / Fibre (ACFSW) / PTFE (ACPSW)					
SERRATED WASHERS	Stainless Steel (ACSSW)					
IP RATING:	IP66 & IP68 (50 metres - 7 Days), Type 4X					

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

PRODUCT DESCRIPTION

"A8" 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, IIIB and IIIC. 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 sealing and have been tested to IP66 and IP68 to 50 metres. The A8 version is designed to accommodate unarmoured and armoured cables where sealing and retention is required only on the outer sheath.

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

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

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

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 III Type 4X

Class I Zone 1 AEx eb IIC Gb / Zone 20 AEx ta IIIC Da NEC - USA

> Class II Group E, F & G Class III Type 4X

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

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

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

ABS Specified ABS Rules

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

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

CML 21UKEX1033X & CML 21UKEX4043X UKEX CML 19ATEX1346X & CML 19ATEX4109X **ATEX**

IECEX IECEx CML 19.0104X CSA 1356011 CEC - Canada **NEC - USA** CSA 1356011

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

INMETRO - Brazil NCC 13.2187 X CCC - China 2021312313000447 UKRAINE СЦ 18.0321 Х

PESO P494321/7 & P494321/13 CCoE - India

ABS 20-LD1944057-PDA LR2124442TA LLOYD'S RS - Russia 19.00189.278

Gland Size	Entry Th	Entry Thread Size	ISO	Cable Outer Sheath [D]					Dimensions/Weight (Metric Versions)		
	Entry Thread Size		Thread Length	Width		Thickness		Nominal Protrusion			
	Metric	NPT	[B]	Min	Max	Min	Max	Length [L]	Across Flats [A]	Across Corners	Weight (Kgs)
20\$	M20 x 1.5 M25 x 1.5	3/4" or 1/2"	16	6.3	11.7	4.0	7.0	33	30.0	33.0	0.104
20R	M20 x 1.5 M25 x 1.5	3/4" or 1/2"	16	8.1	13.5	5.8	6.2	33	30.0	33.0	0.104
20	M20 x 1.5 M25 x 1.5	3/4" or 1/2"	16	10.3	13.5	5.6	9.0	33	30.0	33.0	0.103
25*	M25 x 1.5	3/4" or 1"	16	10.6	16.2	4.0	7.0	31	37.6	41.4	0.162

- 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.
- Nhen selecting IP Washer & Shroud 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 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.