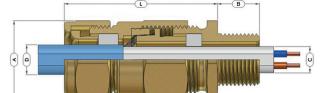
Double Compression Gland designed for use with Armoured Flat Cable

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



PRODUCT DESCRIPTION





Gland designed for use with Armoured Cables

Locknut (material dictated by gland entry thread material)

Including IP Washer, Nylon (N) - Fibre (V) - PTFE (H)

Detachable Clamping for Braid Armour

Silicone Seals for flat cables

Brass (B) / Stainless Steel (S)

Multiple Certification

Including Earth Tag

Quantity per kit

Nickel Plated

Including Serrated Washer

1/2"NPT Male Entry Thread

REFERENCE NUMBER: 3.5.0

PRODUCT DESCRIPTION
"E8X" type glands are certified Flameproof Ex d, Increased Safety Ex e, 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. Developed for flat cables, they provide controlled
Ex d sealing and have been tested to IP66 and IP68 to 50 metres. The E8X version is designed to accommodate
armoured cables, sealing on the inner and outer sheaths and also incorporates a detachable armour specific
clamping system.
COMPLIANCE STANDARDS:
COMPENSATE 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 UL514B, UL1203, UL2225, UL50E, ANSI/UL 60079-0/7, ISA 60079-31

NEC -

II 1D 2G Ex d IIC Gb / Ex e IIC Gb / Ex ta IIIC Da

II 3G Ex nR IIC Gc

IECEx Ex d IIC Gb / Ex e IIC Gb / Ex ta IIIC Da

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

Class II Division 1, Groups E, F & G
Class III, Enclosure Type 4X

EAC Exd IICU / Exe IIU / ExnR IIU

 $\textbf{INMETRO - Brazil} \hspace{0.5cm} \text{Ex d IIC Gb / Ex e IIC Gb / Ex ta IIIC Da / Ex nR IIC Gc} \\$

 SAC - China
 Ex d IIC / Ex e IIC

 UKRAINE
 Ex d IIC X / Ex e II X

 CCoE - India
 Petroleum Rules 2002 (PESO)

 ABS
 Specified ABS Rules

LLOYD'S Enclosure Systems (Part 1B)

RMRS Part XI of RS Rules for the classification & construction of sea-going ships (ed. 2014)

OPTIONAL ACCESSORIES: OPTIONS

NP

MATERIALS:

PLATING:

EXAMPLE PART NUMBERING: E8XBF/NP/20/050NPT

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
OPERATING TEMP:	Silicone Seals -60°C to +180°C

Brass or Stainless Stee

Electroless Nickel

CERTIFICATION No

ATEX SIRA 01ATEX1270X & SIRA 09ATEX1221X

 IECEX
 IECEX SIR 05.0020X

 NEC - USA
 CSA 2627370

 EAC
 RU C-GB./F506.B.00098

 SAC - China
 NCC 13.2187 X

 INMETRO - Brazil
 NEPSI GY./16.1398X

 UKRAINE
 UA.TR.047.C.0408-13 & 2937

 CCOE - India
 PESO P365300/2 & P365300/6

ABS 14-LD463991-1-PDA
LLOYD'S 10/00056(E1)
RMRS 14.02755.315

ABLE ABLE	mm)
P	Z
ᅙ	SNS
딢	S
S	Ĭ
¥	ij
ᇙ	8
픪	
ឪ	

	Entry Thread Size		Metric Thread Length	Cable Inner Sheath [C]			Cable Outer Sheath [D]				A	Naminal	Dimensions/Weight (Metric Versions)			
Gland Size				Width		Thickness		Width		Thickness		Armour Acceptance	Nominal Protrusion	Simonologia (modio volocio)		
	Metric	NPT	[B]	Min	Max	Min	Max	Min	Max	Min	Max	Range	Length [L]	Across Flats [A]	Across Corners	Weight Kgs (Metric)
208	M20 x 1.5	1/2" or 3/4"	16	6.3	11.7	4.0	7.0	7.9	11.7	4.5	7.0	0.10-0.30	63	30.0	33.0	0.212
20R	M20 x 1.5	1/2" or 3/4"	16	8.1	13.5	5.8	6.2	10.7	16.1	5.4	8.3	0.10-0.30	64	30.0	33.0	0.213
20	M20 x 1.5	1/2" or 3/4"	16	10.3	13.5	5.6	9.0	11.0	13.5	4.5	9.0	0.10-0.30	63	30.0	33.0	0.212

- 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.
- 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.