



REFERENCE NUMBER: 3.5.0

EXAMPLE PART NUMBERING:
E8XB/NP/20/050NPT

OPTIONS	E	Gland designed for use with Armoured Cables
	8	Silicone Seals for flat cables
	X	Detachable Clamping for Braid Armour
	B	Brass (B) / Stainless Steel (S)
	F	Multiple Certification
	L	Locknut (material dictated by gland entry thread material)
	H	Including IP Washer, Nylon (N) - Fibre (V) - PTFE (H)
	T	Including Earth Tag
	S	Including Serrated Washer
	1	Quantity per kit
	NP	Nickel Plated
	20	Gland shell size
	050NPT	1/2"NPT Male Entry Thread

OPTIONAL ACCESSORIES:

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
MATERIALS:	Brass or Stainless Steel
PLATING:	Electroless Nickel

CABLE GLAND SELECTION TABLE
(ALL DIMENSIONS IN mm)

Gland Size	Entry Thread Size		Metric Thread Length [B]	Cable Inner Sheath [C]				Cable Outer Sheath [D]				Armour Acceptance Range	Nominal Protusion Length [L]	Dimensions/Weight (Metric Versions)		
				Width		Thickness		Width		Thickness						
	Metric	NPT		Min	Max	Min	Max	Min	Max	Min	Max			Min	Max	Across Flats [A]
20S	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

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.

- 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.

PART NUMBERS:

E	8	X	B	F
			S	



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:

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

CERTIFICATION:

ATEX	II 1D 2G Ex d IIC Gb / Ex e IIC Gb / Ex ta IIC Da II 3G Ex nR IIC Gc
IECEx	Ex d IIC Gb / Ex e IIC Gb / Ex ta IIC Da
NEC - USA	Class I Zone 1 AEx e IIC Gb / Class II Zone 20 AEx ta IIC Da Class II Division 1, Groups E, F & G Class III, Enclosure Type 4X
EAC	Exd IICU / Exe IIU / ExnR IIU
INMETRO - Brazil	Ex d IIC Gb / Ex e IIC Gb / Ex ta IIC 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)

CERTIFICATION No:

ATEX	SIRA 01ATEX1270X & SIRA 09ATEX1221X
IECEx	IECEx SIR 05.0020X
NEC - USA	CSA 2627370
EAC	RU C-GB.Г506.B.00098
SAC - China	NCC 13.2187 X
INMETRO - Brazil	NEPSI GYJ16.1398X
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