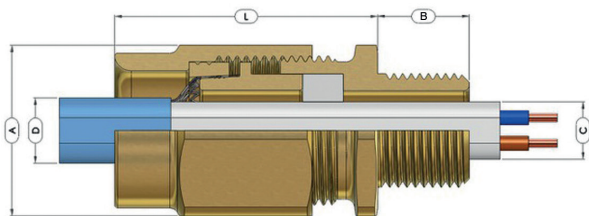




# PRODUCT TYPE DX8

## Single 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



REFERENCE NUMBER: 3.4.0

EXAMPLE PART NUMBERING: DBXB/NP/20/M20

<b>D</b>	Gland designed for use with Armoured Cables
<b>8</b>	Silicone Seal for flat cables
<b>X</b>	Detachable Clamping for Braid Armour
<b>B</b>	Brass (B) / Stainless Steel (S)
<b>F</b>	Multiple Certification
<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>050NPT</b>	1/2"NPT 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]	Cable Inner Sheath [D]				Cable Outer Sheath [D]		Armour Acceptance Range	Nominal Protrusion Length [L]	Dimensions/Weight (Metric Versions)		
	Metric	NPT		Width	Thickness		Width	Thickness	Across Flats [A]			Across Corners	Weight Kgs	
20S	M20 x 1.5	1/2" or 3/4"	16	Min	Max	Min	Max	Max	Max	0.10-0.30	48	30.0	33.0	0.165
20R	M20 x 1.5	1/2" or 3/4"	16	8.1	13.5	5.8	6.2	20.5	N/A	0.10-0.30	49	30.0	33.0	0.166
20	M20 x 1.5	1/2" or 3/4"	16	10.3	13.5	5.6	9.0	20.5	N/A	0.10-0.30	48	30.0	33.0	0.165

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.

PART NUMBERS:

D	8	X	B	F
S				



### PRODUCT DESCRIPTION

"D8X" 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 "D8X" version is designed to accommodate armoured cables, sealing on the inner sheath 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:

<b>ATEX</b>	II 1D 2G Ex d IIC Gb / Ex e IIC Gb / Ex ta IIC Da II 3G Ex nR IIC Gc
<b>IECEX</b>	Ex d IIC Gb / Ex e IIC Gb / Ex ta IIC Da
<b>NEC - USA</b>	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
<b>EAC</b>	Exd IICU / Exe IIU / ExnR IIU
<b>INMETRO - Brazil</b>	Ex d IIC Gb / Ex e IIC Gb / Ex ta IIC 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 - India</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>	RU C-GB.Г506.B.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.