

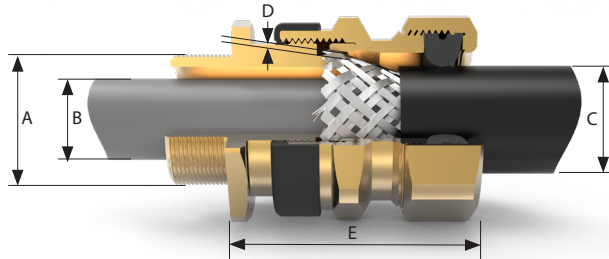


# APEX CXe

Increased Safety and Dust Protection  
Certified ATEX / IECEx / UKEX



International Approvals



### Features

- Robust Inspectable Clamping arrangement for braid and tape
- Avoids any coldflow effects on the inner sheath of the cable
- DTS01 as standard

The Apex CXe Cable Gland is certified Exe, robust and for use with unarmoured, wire braid 'X', steel tape armour 'Z', elastomer and plastic insulated cables. The gland provides an IP and retention seal onto the cable outer sheath. This cable gland can be utilised to avoid the effects of coldflow on the inner sheath of the cable.

## Cable Gland Selection Table

Trade Size	Entry Thread Size 'A'		Inner Sheath 'B'	Cable Acceptance Details				Max Length 'E'	Hexagon Dimensions		
	Metric	NPT		Outer Sheath 'C'	Armour / Braid Thickness 'D'		Orientation 1		Orientation 2	Across Flats	Across Corners
					Min.	Max.					
O	M16	1/2"	12.0	7.2	16.0	0 - 0.8	-	52.5	24.0	26.5	
	M20										
A	M20	1/2"	14.3	12.5	20.8	0 - 0.8	-	55.0	30.0	32.5	
		3/4"									
B	M25	3/4"	20.2	18.0	27.0	0 - 0.7	0.5 - 1.0	60.5	36.0	39.5	
		1"									
C	M32	1"	26.5	24.5	33.0	0 - 0.7	0.5 - 1..25	63.5	46.0	50.5	
		1 1/4"									
C2	M40	1 1/4"	32.5	31.0	41.5	0 - 0.7	0.5 - 1..25	69.5	55.0	60.6	
		1 1/2"									
D	M50	1 1/2"	42.3*	36.0	51.7	0 - 0.7	0.5 - 1..6	88.0	65.0	70.8	
		2"	44.5								
E	M63	2"	54.3*	53.0	64.5	0 - 0.7	0.5 - 1..6	86.0	80.0	88.0	
		2 1/2"	56.3								
F	M75	2 1/2"	65.3*	64.0	77.5	0 - 0.7	0.5 - 1..6	87.5	95.0	104.0	
		3"	68.3								

O5 - F size metric entry threads are 1.5mm pitch as standard, 15mm length of thread  
Alternative thread lengths may be available upon request.  
\*Smaller diameters apply when selecting smaller diameter entry threadform.

## Technical Data

<b>Metallic Material Options</b>	Manufactured in Brass, Nickel Plated Brass or 316L Stainless Steel. Metallics conform to EN10204 2.2 & 3.1
<b>Non Metallic Materials</b>	Thermoset Elastomer
<b>Ingress Protection</b>	IP66, IP67
<b>Enclosure Protection</b>	IK08 to IEC 62262
<b>Deluge Protection</b>	to DTS01
<b>Operating Temperature</b>	-60°C to +130°C
<b>Applications</b>	Suitable for use in Gas Zones 1,2 and Dust Zones 20, 21,22

### Approvals

<b>Protection Class</b>	Ex II 2G Ex eb IIC Gb; 3G Ex nR IIC Gc; 1D Ex ta IIIC Da
<b>ATEX Certificate No</b>	CML23ATEX1002X CML19ATEX4507X (Ex nR)
<b>IECEx Certificate No</b>	CML23.0001X CML21.0012X (Ex nR)
<b>UKEX Certificate No</b>	CML23UKEX1004X CML21UKEX4133X (Ex nR)
<b>Construction &amp; Test Standards</b>	IEC/EN 62444 (Anchorage Type A), IEC/EN 60079-0, 7, 15, 31
<b>Marine Approvals</b>	ABS: 23-2419600. BV: 43523
<b>Additional Certifications</b>	Inmetro: IEx23.0108X. EAC: EA3C KZ 7100841.01.01.02087. PESO: P563425

## Ordering Information

If brass is required please omit material selection  
Format for ordering is as follows:

Cable Gland Type	Size	Thread	Material
CXe	C	M32	NP
CXe	C	1.0	NE

Order Example: CXeCM32NP

Please note all NPT entries should be state as a decimal

Please refer to part code logic information page for further details on product options