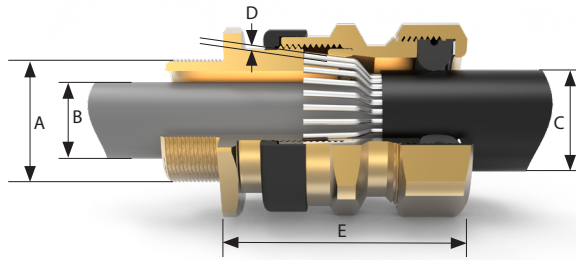




# APEX CU<sub>e</sub>

Increased Safety and Dust Protection  
Certified ATEX / IECEx / UKEX



### Features

- Robust Inspectable Multi-Use Armour Clamping arrangement supplied for all armour sizes
- Avoids any coldflow effects on the inner sheath of the cable
- DTS01 as standard

The Apex CU<sub>e</sub> Cable Gland is certified Exe, robust and for use with unarmoured, single wire armour 'W', 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'					Across Flats	Across Corners
						X Ring		W Ring				
						Orientation 1	Orientation 2	Orientation 1	Orientation 2			
O	M16	1/2"	12.0	7.2	16.0	0 - 0.8	-	0.8 - 1.25	-	52.5	24.0	26.5
A	M20	1/2"	14.3	12.5	20.8	0 - 0.8	-	0.8 - 1.25	-	55.0	30.0	32.5
B	M25	3/4"	20.2	18.0	27.0	0 - 0.7	0.5 - 1.0	0.8 - 1.25	1.25 - 1.6	60.5	36.0	39.5
C	M32	1"	26.5	24.5	33.0	0 - 0.7	0.5 - 1.25	1.25 - 1.6	1.6 - 2.0	63.5	46.0	50.5
C2	M40	1 1/4"	32.5	31.0	41.5	0 - 0.7	0.5 - 1.25	1.25 - 1.6	1.6 - 2.0	69.5	55.0	60.6
		1 1/2"	32.5	31.0	41.5	0 - 0.7	0.5 - 1.25	1.25 - 1.6	1.6 - 2.0	69.5	55.0	60.6
D	M50	1 1/2"	42.3*	36.0	51.7	0 - 0.7	0.5 - 1.6	1.6 - 2.0	2.0 - 2.5	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	1.6 - 2.0	2.0 - 2.5	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	1.6 - 2.0	2.0 - 2.5	87.5	95.0	104.0
		3"	68.3									

O<sub>s</sub> - 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

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

### Approvals

Protection Class	Ex II 2G Ex eb IIC Gb; 3G Ex nR IIC Gc; 1D Ex ta IIIC Da
ATEX Certificate No	CML23ATEX1002X CML19ATEX4507X (Ex nR)
IECEx Certificate No	CML23.0001X CML21.0012X (Ex nR)
UKEX Certificate No	CML23UKEX1004X CML21UKEX4133X (Ex nR)
Construction & Test Standards	IEC/EN 62444 (Anchorage Type D), IEC/EN 60079-0, 7, 15, 31
Marine Approvals	ABS: 23-2419600. BV: 43523
Additional Certifications	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
CU <sub>e</sub>	C	M32	NP
CU <sub>e</sub>	C	1.0	NE

Order Example: CU<sub>e</sub>CM32NP  
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