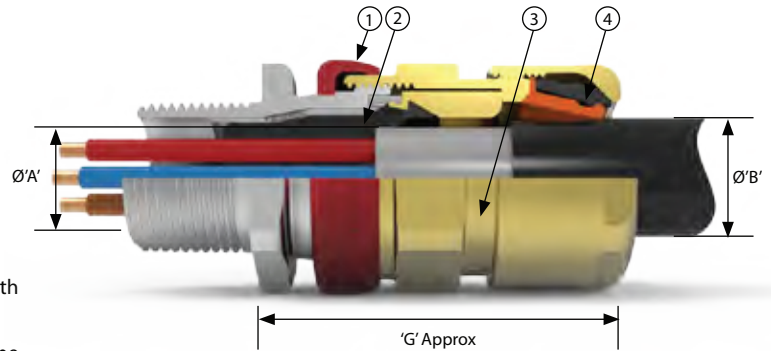




711

Explosion proof, IECEx and ATEX approved
Flameproof Exd, Increased Safety Exe
(Dual Marked UL & ATEX as standard)

- 1 Inspectable Deluge Seal - Offering IP66, IP67, IP68 & IP69 Ingress Protection
- 2 Transparent Elastomeric Fully Inspectable Compound Pot – compatible with both injectable resin and 2 part compound
- 3 Fully inspectable 360° grounding device which remains in contact with the cable when disassembled for inspection
- 4 Patented Cable Gland Tightening Guide - Helps prevent damage caused by over tightening
- 5 Unique Rear Seal - Offering ultimate sealing over an extremely wide cable acceptance range



International Approvals



The NEC® Compliant 711 dual certified Exe/Exd gland is suitable for use with continuous corrugated Aluminum Metal Clad (MC-HL) cable and provides a barrier seal around the individual cores within the cable and prevents entry of the products of an explosion into the cable. The gland features the worlds only NEC® compliant transparent elastomeric fully inspectable compound chamber.

Cable Gland Selection Table

Size Ref.	Entry Thread Size 'A'		Cable Acceptance Details						'G'	Hexagon Dimensions	
	Metric	NPT* Standard	Inner Jacket/Cores 'ØA'			Outer Jacket 'ØB'		Across Flats		Across Corners	
			Max Over Cores	Armour Jacket		Max No of Cores	Min				Max
A	M20	¾" or ½"	0.43"	0.41"	0.64"	15	0.49"	0.81"	2.5"	1.18"	1.28"
B	M25	1" or ¾"	0.63"	0.55"	0.93"	30	0.67"	1.02"	2.59"	1.42"	1.56"
C	M32	1¼" or 1"	0.86"	0.85"	1.23"	42	0.87"	1.30"	2.93"	1.81"	1.99"
C2	M40	1½" or 1¼"	1.05"	1.17"	1.59"	60	1.10"	1.61"	3.03"	2.17"	2.39"
D	M50	2"	1.48"	1.37"	1.96"	80	1.42"	2.07"	3.9"	2.56"	2.79"
E	M63	2½"	1.93"	1.81"	2.55"	100	1.81"	2.57"	3.66"	3.15"	3.46"
F	M75	3"	2.35"	2.37"	2.98"	120	2.24"	3.07"	3.93"	3.74"	4.09"

A - F size metric entry threads are 1.5mm pitch as standard, 15mm length of thread.

Technical Data

Ingress Protection	IP66, IP67, IP68* (30 metres for 7 days; special conditions may apply), IP69 to IEC/EN 60529 and NEMA 4X
Deluge Protection	to DTS01
Operating Temperature	-50°C to +80°C
NEC / CEC	
NEC Protection Class	Class I Div 1 ABCD; Class II Div 1 EFG; Class III Class I Div 2 ABCD, Class II Div 2 FG and Class III Div 2 Class I, Zone 1, AEx d IIC; AEx e IIC; Zone 21, AEx tb IIIC
CEC Protection Class	Class I Div 1 ABCD; Class II Div 1 EFG; Class III Class I Div 2 ABCD, Class II Div 2 FG and Class III Div 2 Ex db IIC Gb; Ex eb IIC Gb; Ex tb IIIC Db
Cable Types	ITC-HL, MC, MC-HL
c UL us Listing Number	E84940
Construction & Test Standards	UL2225, UL514B, CSA C22.2 NO. 18.3-12, CSA 22.2 60079-0, CSA 22.2 60079-1, CSA 22.2 60079-7 and CSA 22.2 60079-31
ATEX/IECEx	
ATEX/IECEx Protection Class	Ex II 2GD Ex db IIC Gb; Ex eb IIC Gb; Ex tb IIIC Db
ATEX Certificate No	CML 18ATEX1268X
IECEx Certificate No	CML 18.0131X
Construction & Test Standards	IEC/EN 60079-0, IEC/EN 60079-1, IEC/EN 60079-7 and IEC/EN 60079-31
Additional Certifications	EAC: TC RU C-GB HA91 B 0046 19 Inmetro: IEx 14.0272X PESO: P450038

Ordering Information

Format for ordering is as follows:

Cable Gland Type	Size	Thread	Barrier Type	Material
711	C	1" NPT	- (Standard 2-part compound)	Nickel Plated
711	C	1" NPT	EP (Express Resin)	Stainless Steel

Two part sealing compound and assembly instructions are supplied with the cable gland

Order Example: 711 C 1"NPT EP Stainless Steel

For information on barrier options, see Page 10