

711

CE
UK
CA

Ex

EAC

IECEx

UL LISTED

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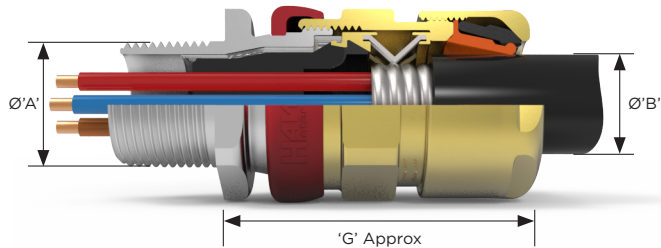
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North American Explosion Proof

ATEX, IECEx and UKEX Approved Flameproof, Increased Safety and Dust Protection

Dual Marked UL & ATEX / IECEx / UKEX as standard



Features

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

The NEC Compliant 711 dual certified Exe/Exd gland is suitable for use with continuous corrugated Aluminum Metal Clad (ITC-HL, MC, MC-HL, TECK90, RA90) 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		Cable Acceptance Details						'G'	Hexagon Dimensions	
	Metric	NPT	Inner Jacket / Cores 'ØA'				Outer Jacket 'ØB'			Across Flats	Across Corners
			Max. Over Cores	Armour Jacket		Max. No of Cores					
				Min.	Max.		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" or 1½"	1.48"	1.37"	1.96"	80	1.42"	2.07"	3.9"	2.56"	2.79"
E	M63	2½" or 2"	1.93"	1.81"	2.55"	100	1.81"	2.57"	3.66"	3.15"	3.46"
F	M75	3" or 2½"	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.

Ordering Information

If brass is required please omit material selection

Format for ordering is as follows:

All barrier glands are supplied with Express resin as standard. If QSP (Quick Set Putty) is required please select Q in compound selection

Cable Gland Type	Size	Thread	Material	Compound
711	C	1.0	NE	
711	C	1.0	NP	Q

Order Example: 711C1.0NE

Assembly instructions are supplied with the cable gland

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

Technical Data	
Material Options	Manufactured in Brass, Nickel Plated Brass or 316L Stainless Steel
Ingress Protection	IP66, IP67, IP68*, IP69 to IEC/EN 60529 and Type 4X *30m for 7 days with thread sealant (special conditions apply) 10m for 24hrs no thread sealant; A-C size only
Enclosure Protection	IK10 to IEC 62262
Deluge Protection	to DTS01
Operating Temperature	-50°C to +80°C
Applications	Suitable for use in Division 1, Division 2, Zone 1, Zone 21, Zone 2 and Zone 22
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, TECK90, RA90
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
Other Approvals	
Protection Class	Ex II 2GD Ex db IIC Gb; Ex eb IIC Gb; Ex nR IIC Gc; Ex tb IIIC Db
ATEX Certificate No	CML 18ATEX1268X CML 19ATEX4507 (Ex nR)
IECEX Certificate No	CML 18.0131X CML 21.0012X (Ex nR)
UKEx Certificate No	CML 21UKEX1132X CML 21UKEX4133X (Ex nR)
Construction & Test Standards	IEC/EN 60079-0, IEC/EN 60079-1, IEC/EN 60079-7, IEC/EN 60079-15 and IEC/EN 60079-31
Marine Approvals	ABS: 19-LD1876514-1-PDA BV: 43523/B0 DNV: TAE0000BS
Additional Certifications	EAC: EA3C KZ 7100841.01.01.03125* EQM: 20-11-27224/Q20-11-000979/NB0007 Inmetro: IEx 14.0272X PESO: P450038 SONCAP: LCOGB049552-0500

*Product not marked EAC as standard. If required contact Hawke International.

ExPress Barrier Resin

Specify your barrier gland with our ExPress injectable resin for faster, easier installation

A liquid injectable and fast curing resin, allowing for faster installation time than traditional 2-part compounds. Utilising a unique clear compound chamber for full visibility of the flameproof seal during installation and inspection, the ExPress barrier resin is unparalleled as a global solution, with a 30 minute gel time and unrivalled ease of use. All barrier glands are now supplied with Express Resin as standard.

