

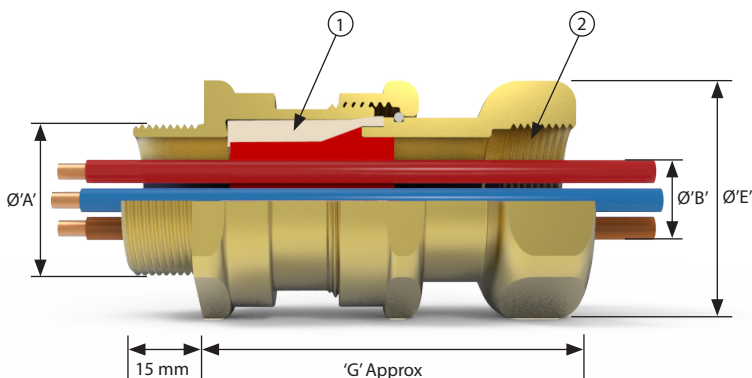


MADE IN BRITAIN

CSB 656N

Flameproof, Increased Safety, Dust Protection
Certified ATEX / IECEx / c CSA us

International Approvals



- 1 Fully inspectable barrier seal provides an Exd seal between the individual cable cores
- 2 Female running coupler for cable gland or conduit entry. Can be used to upgrade standard non-barrier gland into a flameproof Exd barrier gland.

The Dual certified Exe/Exd CSB656N cable gland offers an inspectable barrier seal around the individual cable cores and a female running coupler for conduit or cable gland entry. See technical section for installation rules and regulations

Cable Gland Selection Table

Size Ref.	Entry Thread Size 'A'				Cable Acceptance Details			'G' Metric	Hexagon Dimensions	
	Male		Female		Inner Sheath / Cores				Across Flats	Across Corners
	Metric	NPT* Standard or Option	Metric	NPT# Standard or Option	Max Over Cores 'B'	Max Inner Sheath 'E'	Max No of Cores			
A	M20	¾" or ½"	M20	¾" or ½"	11	12.5	16	74.0	30.0	32.5
B	M25	1" or ¾"	M25	1" or ¾"	16.2	18.4	32	65.0	36.0	39.5
C	M32	1¼" or 1"	M32	1¼" or 1"	21.9	24.7	60	80.0	46.0	50.5
C2	M40	1½" or 1¼"	M40	1½" or 1¼"	26.3	29.7	80	83.0	55.0	60.6
D	M50	2" or 1½"	M50	2" or 1½"	37.1	41.7	100	94.0	65.0	70.8
E	M63	2½" or 2"	M63	2½" or 2"	47.8	53.5	120	97.0	80.0	88.0
F	M75	3" or 2½"	M75	3" or 2½"	59	66.2 / 65.3 ¹	160	100.0	95.0	104.0

All dimensions in millimetres (except * where dimensions are in inches). Metric entry threads are 1.5mm pitch as standard, 15mm length of thread.

¹ Smaller value is applicable when selecting reduced NPT entry option. ² Hexagon dimensions as shown may increase to accommodate non-metric female threads

Technical Data

Ingress Protection	IP66, IP67 and IP68 (30 metres for 7 days, special conditions may apply) to IEC/EN 60529 and NEMA 4X
Deluge Protection	to DTS01
Operating Temperature	-60°C to +80°C

ATEX/IECEx

ATEX/IECEx Protection Class	Ex II 2GD Ex db IIC Gb; Ex eb IIC Gb; Extb IIIC Db
ATEX Certificate No	CML 19ATEX1170X
IECEx Certificate No	CML 19.0048X
Construction & Test Standards	IEC/EN 60079-0, IEC/EN 60079-1, IEC/EN 60079-7 and IEC/EN 60079-31
Marine Approvals	DNV: TAE0000BS EAC: RU C-GB.AA87.B.00430 Inmetro: IEx 14.0272X
Additional Certifications	KCs: 17-KA4BO-0150X to 0158X PESO: P450038 CNEX: CNEX17 2858X

NEC/CEC

NEC Protection Class	Class I Div 1 ABCD Class II Div 2 EFG and Class III Class I, Zone I, AEx db IIC Gb, AEx eb IIC Gb; Zone 21, AExtb IIIC Db
CEC Protection Class	Class I Div 1 ABCD Class II Div 2 EFG and Class III Ex db IIC Gb; Ex eb IIC Gb; Ex tb IIIC Db
c CSA us Certificate	1024328
Construction & Test Standards	UL2225, UL1203, UL514B, CSA C22.2 NO. 0-10, CSA C22.2 NO. 174-18, CSA 22.2 60079-0, CSA 22.2 60079-1, CSA 22.2 60079-7 and CSA 22.2 60079-31

Ordering Information

Format for ordering is as follows:

Cable Gland Type	Size	Male Thread	Female Thread	Material
CSB 656N	C	M32	M32	Brass
CSB 656N	C	1¼" NPT	M32	Brass

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

Order Example: CSB 656N C M32 M32 Brass



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