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# Ex Cable Glands

## Type ICG 623



**SINUS**  
**JEVI** 

 Liquids

 Gasses

 Solids

 Spaces

 Resistors

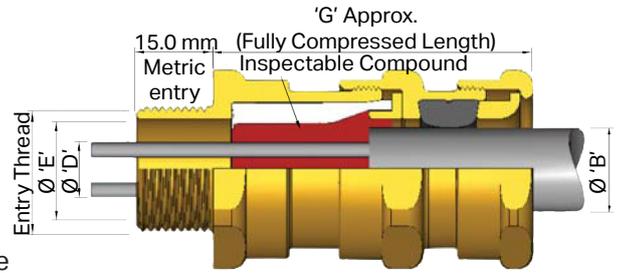
**CABLE GLANDS type ICG 623**

**Hazardous Area**

Flameproof Exd & Increased Safety Exe  
Dual Certified ATEX / IECEx

**Application**

- ° Outdoor or indoor use.
- ° For use with non-armoured elastomer and plastic insulated cables.
- ° For particular use with:
  - Cables that are not effectively filled, compact and/or circular, have tape bedding or have hygroscopic fillers.
  - Cables that exhibit 'Cold Flow' characteristics.
  - Enclosures containing an ignition source in gas group IIC areas or containing an ignition source in a Zone 1 area and exceeding 2 litres in volume.
- ° See technical section for installation rules and regulations.



CABLE SELECTION TABLE												
Size Ref.	Entry Thread Size		Cable Acceptance Details							'G'	Hexagon Dimensions	
	Metric	NPT* Standard or option	Inner Sheath / Cores			Outer Sheath 'B'					Across Flats	Across Corners
			'D' Max. Over Cores	'E' Max. Inner Sheath	Max. No. of Cores	Standard Seal		Alternative Seal (S)				
						Min.	Max.	Min.	Max.			
Os	M20	1/2"	8.0	8.0	6	3.0	8.0	-	-	56.4	24.0	26.5
O	M20	1/2"	8.9	10.0	6	7.5	11.9	-	-	56.4	24.0	26.5
A	M20	3/4" or 1/2"	11.0	12.5	10	11.0	14.3	8.5	13.4	55.8	30.0	32.5
B	M25	1" or 3/4"	16.2	18.4	21	13.0	20.2	9.5	15.4	58.8	36.0	39.5

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

**Technical Data**

- ° Flameproof Exd and Increased Safety Exe - Ex II 2 GD ExtD A21.
- ° Certificate No's: Baseefa06ATEX0058X and IECEx BAS 06.0015X.
- ° Suitable for use in Zone 1, Zone 2, Zone 21, Zone 22 and in Gas Groups IIA, IIB and IIC.
- ° Construction and Test Standards: IEC/EN 60079-0, IEC/EN 60079-1, IEC/EN 60079-7, IEC/EN 60079-15 and IEC/EN 60079-31.
- ° Ingress Protection: IP66, IP67 and IP68 (30 metres for 7 days) to IEC/EN 60529 and NEMA 4X.
- ° Deluge Protection to DTS01.
- ° Operating Temperature Range: -60°C to +80°C.
- ° Assembly Instruction Sheet: AI305.
- ° Alternative certification options available:

**Features**

- ° Provides a barrier seal between the individual insulated cores within the cable and prevents entry of the products of an explosion into the cable.
- ° Assembly of the cable gland compresses and distributes the compound evenly to create a barrier seal at the point of entry into the enclosure.
- ° The compound chamber may be separated from the cured compound to ensure that the chamber has been effectively filled. If required, external voids can be repaired.
- ° Provides a cable retention seal onto the cables outer sheath.
- ° Manufactured in Brass (standard), Nickel Plated Brass, 316 Stainless Steel or Aluminium.
- ° Brass NPT entries are nickel plated as standard.



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# SINUS JEVI

Sinus is one of the pioneers in the field of explosion proof heating equipment, today we are still operating at the forefront. We manufacture according to ATEX as well as IECEx and EAC directives.

For the production of Ex-proof equipment a PQAN (Product Quality Assurance Notification) is issued by TUV-Nord. Our ISO-9001 and ISO-14001 systems are also monitored by this organisation.

## NIBE