

# CABLE GLAND - TYPE ICG 623

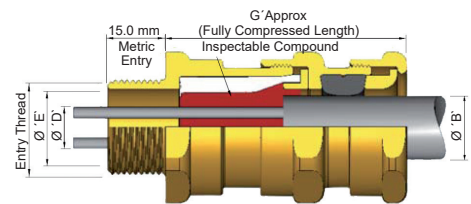
## CABLE GLAND FOR HAZARDOUS AREA

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



Jevi item no.:  
11023006 (brass) or  
11023007 (stainless steel AISI 316)

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.			
O	M20	½"	8.9	10.0	6	7.5	11.9	-	-	52.0	24.0	26.5

All dimensions in millimetres (except \* = dimension in inch). Metric entry threads are 1.5 mm pitch as standard, 15 mm length 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
- Operation Temperature Range: -60°C to +80°C
- Assembly Instruction Sheet: AI305

### 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