

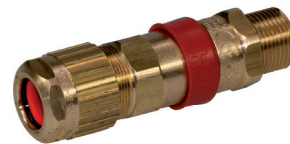
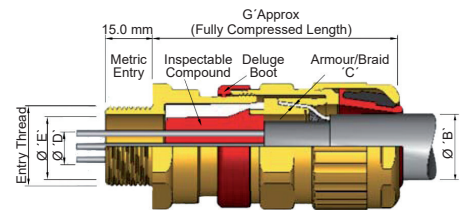
CABLE GLAND - TYPE ICG 653

CABLE GLAND FOR HAZARDOUS AREA

Flameproof Exd & Increased Safety Exe & Restricted
Dual Certified ATEX / IECEx

APPLICATION

- Outdoor or indoor use
- For use with single wire armour 'W', wire braid 'X', steel tape armour 'Z', 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
- See technical section for installation rules and regulations



Jevi item no.:
11023004 (brass) or
11023005 (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'		Armour / Braid 'C'			Across Flats	Across Corners
			Max. Over Cores 'D'	Max. Inner Sheath 'E'	Max. No. of Cores	Min.	Max.	Orientation 1	Orientation 2			
O	M20	½"	8.9	10.0	6	9.5	16.0	0.8 / 1.25	0.0 / 0.8	67.0	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: AI301

FEATURES

- Provides a barrier seal to 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 armour clamping, using one clamping arrangement for all armour/braid
- Provides an outer deluge seal to prevent moisture ingress to the cable armour/braid
- Provides a cable retention and low smoke and fume, zero halogen 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

Alternative Reversible Armour Clamping Rings (RAC)

Selection Table		
Size Ref.	Steel Wire Armour / Braid / Tape	
	Orientation 1	Orientation 2
B	0.9 - 1.25	0.5 - 0.9