

Press Release

Safe, efficient cable sealing with Proof Engineering Solutions' locally developed AMPgland cable gland range

Proof Engineering Solutions, a Division of Hudaco, locally developed, designed and manufactured the AMPgland double-compression cable gland range to provide the mining and oil & gas industries with an all-inclusive, safe and efficient electrical installation solution.

The range, which includes the Orion, Crater and Taurus Exd, features a unique cutting-edge design that incorporates two O-rings on the shielding cone. The double-compression O-ring prevents the intrusion of contaminants such as water and dust which may be trapped between the two O-rings, preventing contact with armour. This unrivaled protection delivers unparalleled cable securing and sealing capabilities. In addition to achieving high strain relief and explosion proof protection, the special shape of the gland's lower and upper seal also earns it an IP 66/68 rating.

The AMPgland's smart design makes for easy installation and maintenance, keeping costs and downtime to a minimum. Proof Engineer Solutions Director, Donovan Marks, explains that as long as the diameter of the used cable is within the declared clamping range, there is no need to change, remove or adjust any internal components. In addition, the swiveling 'shielding cone' for clamping armour is secured to the 'upper and lower body' by the O-rings, preventing the shielding cone from being lost during disassembly of cable gland during installation. As the internal parts are fixed only with the O-rings, they can be easily removed with a simple 'pulling' movement during inspection without any risk of damaging cables, keeping maintenance time to a minimum.

The addition of these cable glands has boosted Proof Engineering Solutions' comprehensive flameproof product range of plugs, sockets, connectors, adaptors, couplers, plug couplers and luminaires (Azolite). "With our expanded offering which now includes the cable, the connector and the AMPgland, Proof is perfectly positioned as a turnkey solutions provider for virtually any electrical installation," concludes Marks.

2/...Proof AMPgland

Proof Engineering Solutions has cornered the Southern African mining and industry markets as a leading manufacturer and supplier of a wide range of flameproof and explosion proof products. The company incorporates the latest technology in the design of its comprehensive range of electrical components suitable for both underground and above ground mining applications. Round-the-clock, countrywide specialist support from Proof's highly qualified team of technicians keeps downtime to the absolute minimum to assist customers in achieving maximum productivity and ultimately profitability.



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