

- Cable glands must be installed according to the requirements of IEC 60079-14, EN 60079-14 Standards or other national laws or standards.
- Verify the suitability of the cable glands in respects to the installation zone, group, category for AtEx, gas group and room ambient / service temperatures.
- User must be aware of the risks related to electrical current and chemical / physical characteristics of the gases and / or vapors and of the dust present at the plant.
- Only qualified personnel, electricians, may carry out installations, using suitable tools.
- Assembly and tightening of the cable glands should not compromise the degree of protection.
- The tightening torques depend on the cables used, it is the user's responsibility to determine the appropriate torque in each case.
- Cable glands assembled on a wall with a not threaded holes on an AtEx apparatus, the hole diameter must be equal to the nominal external diameter of the thread, increased by 0.5 mm with an H11 tolerance.
- Cable glands must be suitable for installed cable diameters, sized according to the nominal current intensity allowed in the electrical circuits.
- The coupling of the cable glands with the enclosures shall be made as indicated by the manufacturer in order to respect the type of protection of the electrical apparatus on which cable glands are mounted.
- Verify the integrity and the continuity of the ground, protection and equipotential conductors.
- The AtEx applications cable glands are always marked with the string of their degree of protection as indicated by the European directive 2014 / 34 / EU.

