PRYSMIAN

All-in-one.

Cable systems for hazardous areas – ready to go.

AUSTRALIAN MADE®

A brand of the
Prysmian Group

Cable systems for hazardous areas – ready to go.

Forget about specified barrier glands and complicated installations. Non-barrier flameproof cables mean you'll save a lot of time and money. Now you get all in one. And rest assured, the cables comply with all relevant standards and are suitable for a huge variety of hazardous sites. Australian made? Yes, of course.

Cable systems for hazardous & explosive areas

Application

Prysmian's cable solutions with non-barrier type flameproof glands are designed to be used in a variety of hazardous and potentially explosive applications including mine sites, oil & gas platforms, fertiliser plants, chemical installations and explosive manufacturers.

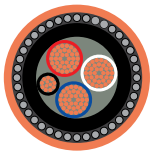
When it comes to the proper specification of cable systems for use in hazardous areas, a great deal of information is required beforehand. The fact that no certification scheme for hazardous cables is currently in use in Australia can make this specification process complex. For cable entry systems to flame-proof enclosures, the current method is to specify barrier type flameproof glands and worry less about the specifics of cable construction. This can add significant cost to the installation due to the high cost of barrier type glands and their relatively long installation time. Prysmian have made it simple for customers and developed cable solutions suitable for use with non-barrier type flameproof glands. These cables normally constitute a large proportion of cable requirements for a typical gas project installation.

The benefits of these carefully engineered cables include huge savings in cost of glands and installation time that are too significant to ignore. Our customers do not get just product from us but they also get peace of mind. No subjective claims! Our product constructions have been independently tested and evaluated to the most appropriate standards by leading NATA accredited laboratories. There are also large gas project installations already utilising Prysmian solutions for example Wheatstore LNG project Western Australia.

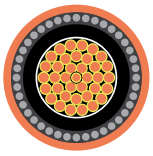
Your requirements are covered:
LV power, LV Control, ELV Instrumentation

Cable design

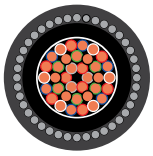
- Substantially compact and circular. Evaluated and tested for gas groups IIA and IIB to the requirements of AS/NZS 60079.14-2009 clause 10.4.2 (b) and AS/NZS 60079.1-2007 clause 15.2 utilising already certified Exd rated, non-barrier type flame proof glands with sealing rings.
- Armoured cable affording wiring protection levels exceeding EPL Gb for non-energy limited wiring systems in accordance with AS/NZS 60079.14-2009 table 6. This protection level is generally adequate for Zone 1 and Zone 2.
- Can be specifically engineered to provide reduced flame propagation exceeding the requirements of IEC 60332-3 category C bunched vertical test. General market orange circular TPS cables do not necessarily comply with this performance. They are required to comply only with single cable burn test to IEC 60332-1-2 which is not considered adequate performance for bunched cable systems.



LV Power



LV Control



ELV Instrumentation

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Certified System
Quality
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SAI GLOBAL