



Railway

- Various insert combinations with crimp termination and with modified contact barrels to accommodate various wire sizes
- Halogen free, flame retardant insulators
- Black anodised finish, zinc cobalt and nickel plating

- Special 5-Pin insert & various other insert combinations with crimp termination and a modified contact barrel to accommodate various wire diameters
- Halogen free, flame retardant insulator; black anodised finish, and 45° welded backshell with an inner insulator for a non-conductive application



Outdoor Lighting

- 9-Pin connector special used on external lighting towers
- Screw type wire termination for easy on-site assembly without any special tooling
- Heavy duty backshell for harsh environments

Geophysical

- 6-Pin and 10-Pin specials used for an integrated *Seismic Technology* application
- Supplied with gold-plated crimp contacts and special adaptors to accommodate brass cable glands
- Jam nut style single hole mount receptacles



Precision Motor Control

- 7-Pin special for use on Servo Motors
- A Pre-mating Contact (PMC), gold plated offering mate first – break last connectivity and a backshell designed for EMI/RFI screening
- Body of the connector is a nickel plated finish

Machine Tool / CNC Machines

- 4-Pin and 7-Pin connector variants for use in CNC machines
- Special backshells were designed to protect against ingress of oil and fluid with a nickel plated finish
- Solder and crimp wire termination with modified crimp wire barrels



Oxygen Probe Gas Analysers

- 7-Pin variant with a silicon insulator for a high temperature (+200°C) environment
- Nickel plated finish; Pre-Mating Contact (PMC) for mate first - break last connection



Mining

- Various insert options, ranging from a single pin to 25-Pin used in open-cut and underground mining
- Shell material available in Brass or Aluminium, with solder contact terminations
- Connectors are manufactured with a fine thread for Aluminium bodies and a coarse thread coupling for Brass bodies

- 6-Pin special used for a collision avoidance system on overground vehicles
- Connectors are designed to accommodate a flexible conduit protection system
- Panel mount receptacles have incorporated within the body a stainless-steel wear pin to ensure positive locking under heavy vibration
- Crimp and solder terminations are available



Pipeline Solutions

- 4-Pin variant for use in an underground pipe line application
- Connectors designed with a screw type termination for easy on-site assembly
- Heavy duty backshell offering protection for a harsh environment

Light Rail (Single-Phase Inverters)

- 3-Pin special used on single-phase inverters on Melbourne trams
- Connector backshell was manufactured and supplied to a customer specific design
- Crimp termination was offered with a modified contact barrel to accommodate various wire diameters



Railway & Mining Application

- Connectors designed with a modified coupling grip with rubber moulding for ease of use with gloves and also enables ease of coupling
- Straight or 90° backshell to accommodate conduits or cable gland fittings

Power Distribution Units / Military Equipment

- Rubber moulded caps for use on military equipment
- Rubber accessories for protection of electrical connectors in an open environment
- Various sizes available in MIL-C-5015 & MIL-C-26482 Series
- Design and tooling available to customise to individual requirements



Military Man-packs

- 6-Pin special for use in military man-packs
- Connectors to be used as a *blind mating concept* with tolerances critically controlled to ensure connection accuracy
- Gold plated contacts and solder termination
- Zinc Cobalt Black plating to comply with RoHS standards