High-performance electrical connections
Protection from dust, water and high-temperature pressurised water

Choose innovation and reliability
Reduce installation and maintenance costs
Extend the possibilities of use

IP66  IP68  IP69K

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EXTRA SAFE
Designed to guarantee the highest reliability

Total protection against the effects of permanent submersion and pressurised water (according to EN60529)

-40°C / +125°C

Long Term Reliability
Resin and gel-free

Re-usable and Re-accessible even after long operating periods

Quick Installation
Fewer parts to assemble

Higher Resistance
to external stresses, chemical-mechanical adherence between plastic and rubber

Fewer Installation Mistakes
Anti-leakage gaskets

Antileakage co-injected gaskets

IP66  IP68  IP69K

RESIN-GEL FREE

Lead-free
No more condensation: Reduced repairs and maintenance costs

Under particular environmental conditions, the accumulation of moisture inside the cable can cause the malfunctioning of electrical devices. The ventilation of the device is not often possible, especially when there is water, debris or installed in very small spaces. In this case the electrical connection is fundamental to ensure the reliability of the system.

The special anti-moisture barrier prevents any moisture or damp inside the cable from entering the connection and proceeding towards the device installed.

-90% Water Penetration

Important reduction of defects caused by water penetration

High Reliability

to guarantee electrical continuity over time

Ready for immediate in-field use

Electrically isolated

Absence of electrical leakage
EXTRA PLUGGABLE
Plug and Socket solutions: Reduced cost of product installation

PLUG & PLAY RAPID CONNECTIONS

MODULAR INTERCONNECTION SYSTEM
to guarantee high flexibility

EASILY & QUICKLY CONFIGURABLE
to support ever more advanced plants

POWER DISTRIBUTION BOXES
to support electrical networks and devices

- 40 °C
+125°C
EXTRA COMPACT
We know the needs of our customers

WHEN DIMENSIONS MAKE THE DIFFERENCE
Connectors of circular section allow a greater number of poles in less space compared to traditional solutions of linear terminal blocks.

COMPACT SIZE
Ideal for connections in small spaces

CAN BE EMBEDDED
within machinery, equipment and installation systems

the smallest IP68 joint without gel and resin

the smallest plug and socket connector 2-poles with screw wiring

SCALE 1:1

ø 23 mm

ø 14 mm
EXTRA RAPID
Improving your efficiency at work

Pre-wired junction connectors for rapid installation

AVOID UNSHEATHING THE CABLE!
Piercing screw terminal blocks for stranded wires up to 1.5 mm² (on request).

EASY TO USE
Few components to assemble

QUICK TO INSTALL
Intuitive assembly and wiring in just a few steps
EXTRA FLEXIBLE
Useful solutions for many applications

MAXIMUM PROTECTION
Of circuits and electronic devices

PRACTICAL
Re-usable and Re-accessible (IP68)

CUSTOMIZED
Customer-specific solutions
EXTRA ROBUST

We invest in new solutions for products that will last over time

Quality installations of equipment or systems in critical conditions of use (rain, floods, tides, snow, ice, sand, industrial washes, chemicals, dirty environments with oils/grease and hydrocarbons).

PA66 GF materials make the product crushproof also under extreme conditions.

-40 °C to +125°C

Halogen free
Realized with the use of materials which are in compliance with the most stringent regulations Reach/RoHS.

Sulphur free. Sulphur has a negative effect on the LED lifespan.

Resistant to corrosion in saline environment
Corrosion test (EN60068-2-11:2000). Duration 168 hours. (Salt Spray)

Resistance to flame
Use of PA66 GF thermoplastic materials, glass fiber reinforced UL94 V2/V0/5VA (f1- UL746C) Glow-wire 850°C/960°C.

Resistance to external agents (EN60529).
In addition: ageing test in air with ozone concentrations (ISO 1431-1).

Electrical contacts and screws treated with special coatings to guarantee high resistance to oxidation. Versions with silver contacts for maximum electrical conductivity in very low voltage applications.

UV resistance testing according to EN60079-0. Method of exposure to laboratory light sources to verify UV weathering resistance. Duration 1000 hours.

Impact resistance (EN62262:2002).
IK08/IK09 and IP68 Tests show positive results even after conditioning in hydrochloric acid (HCl) for 168 hours at 70°C. (pH 4,5 and pH 3,5). IK10 products possible upon customer request.

IK08
IK09

OZONE

IP68

max
GWT 960°C
Design, Manufacturing and Control in Italy. All that you can expect from Techno

**SERVICE AND REACTIVITY**

We offer kindness and expertise, and we are always here to help and listen our customers. We provide advanced logistics that guarantees delivery times also within 24 hours.

**FLEXIBILITY**

R&D and manufacturing of tools and products are totally carried out in-house. We are able to meet deadlines and guarantee the quality and flexibility needed during the development and production phases.

**100% QUALITY**

We perform stress tests on our products according to parameters which are higher than the ones requested by the norms. Our services include electrical, thermal and mechanical tests, dimensional testing, test on plastic materials and rubber, IP6x testing, UV and weathering tests carried out in a climatic room.

**COMPETENCE**

We design our products upon our customers request, putting our deep knowledge of development and production technologies as well as of electrical and mechanical regulations at their disposal, and meeting the expectations of the requested solutions in terms of quality, reliability and cost effectiveness.

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