

Your Marine Interconnect Specialist

High-quality products for the marine industry



Amphenol

Advanced Sensors

Amphenol Advanced Sensors is a global leader in highly engineered sensing technology, with one of the most extensive offerings for sensing temperature, pressure, humidity, CO2 and dust.

With over 75 years of technology development, application specific design, and high-volume customized manufacturing innovations, Amphenol Advanced Sensors is an industry leader with heritage brand recognition; the company's portfolio includes names like Thermometrics, NovaSensor and Telaire.

Marine applications include inlet air temperature, coolant temperature, water temperature, engine block temperature, battery temperature, oil, air, coolant and fuel pressure/temperature.



Amphenol LTW

Innovation in Waterproof Solution

Amphenol LTW NMEA 2000 Network System

Amphenol LTW provides a variety of high reliability connectors, cable assemblies and accessories specifically designed to meet NMEA 2000 protocol: the standard for serial data networking of marine electronic devices. The Amphenol LTW NMEA 2000 network system is not only used for connecting marine electronic equipment and display units within ships and boats, but also helps to build a connection among the multiple electronic devices sharing data over one common channel. This cost-effective solution is IP68 rated (1m/24 hours) and includes over 40 items certified by NMEA 2000. Typical applications include radar, sonar, GPS devices, fish finders, AIS receivers and transceivers and wind sensors.



INDUSTRIAL@AMPHENOL
TRUSTED GLOBALLY

Amphenol Sine Systems

ATP Series™ Connectors

Designed as a high-performance, cost-effective thermoplastic solution for use in the marine, heavy equipment, agricultural, automotive, and alternative energy fields. Available in 2 and 4 pin options, the ATP Series Connectors contain superior environmental seals and seal retention capabilities and are designed for use with 10-14 AWG size 12 contacts handling up to 25 amps. In addition, all of our ATP Series connectors have been developed to be completely compatible with all other existing standard products industry-wide.



ATM Series™ Connectors

A high-performance, cost-effective solution specifically designed for smaller AWG applications, while still maintaining the strengths of the AT Series product line. The connector design incorporates an integral latching system that ensures a definitive electrical and mechanical connection. Available in 2,3,4,6,8 and 12 positions. Size 20 contacts accept 16-22 AWG, current rating 7.5 amps.



AT-SR01 Series™ Connectors

Specifically designed wire cavities protect each individual wire seal, eliminating stress on the rear seal and maintaining IP67 sealing performance regardless of wire bundle direction or improper installation. The AT-SR01 Series is a cost-effective and highly reliable solution for wire routing, strain relief and sealing issues common in heavy duty applications. It ensures a complete environmental seal and necessary strain relief on the production line and in the field. Available in 2,3,4,6,8, and 12 positions.



Hydro|Net™ Multi-Hub Adapter

Provides OEMs flexibility and increased reliability when connecting multiple devices to a NMEA 2000 network. Two 4-pin AT/DT interfaces easily adapt devices to fieldproven, sealed, and serviceable electrical connections in the field.





LED Indicators

APEM's panel mount LED Indicators are available in a large array of sizes, colors and finishes with your choice of prominent, recessed or flushed bezels. Several types of terminations and IP67 sealed for long life and high reliability.



Sealed HF Series Joysticks

APEM's HF series Hall effect joystick is ergonomically designed for extended use. The HF55 comes in analog, USB and CANbus outputs and is sealed up to IP68 for high reliability.



K Series Rocker Switches

APEM's K series rockers offer a modern, customizable appearance and easy snap-in mounting. Available with a large selection of custom etched symbols, backlighting and optional IP68 front panel sealing.



Products Serving the Marine Industry

- HEYbrid™ stainless steel/co-molded liquid tight cordgrips
- HEYClean® brass pressure equalization plugs
- HEYClean® brass drain plugs
- Heyco® nickel-plated brass threaded plugs
- Heyco® stainless steel cable ties
- Heyco® stainless steel cable clamps



Wiring Device-Kellems

61CM52 Cord Set

The 50' (15.2m) yellow vinyl jacketed shore power cable set, 6 AWG type STOW is completely factory prewired with molded-on devices. The connector end has a metallic threaded sealing ring for making the inlet/connector interface watertight. IP56 suitability (boatside).



63CM64 Replacement Connector Body

Nickel-plated brass connector body has a heat-resistant thermoset interior and combination metal and rubber cord grip to provide superior strain relief capability. Cord grip range is .437-1.140".



63CM65 Nickel-Plated Brass Plug

Nickel-plated brass connector body has a heat-resistant thermoset interior and combination metal and rubber cord grip that provides superior strain relief capability. Cord grip range is .437-1.140".

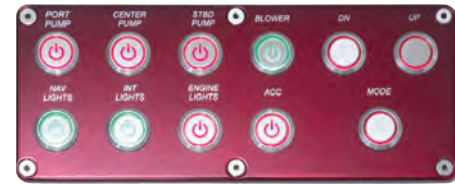


50 amp 125/250 volt; 4-wire. Also available in white and with LEDs.

High-Current Pushbutton Switches for Marine Applications

These rugged electromechanical pushbuttons are available in stainless steel or aluminum housings and come in momentary or maintained action. Lighting options include center spot or ring illumination. The 19mm and 22mm sizes make these switches ideal for marine, transportation, security, food processing and medical applications.

The switches mount easily into panels of minimum 0.020" (0.5 mm) and maximum 0.177" (4.5 mm) thickness. Front panel sealing to IP67 is achieved by a sealing O-ring fitted to the body of the switch before it is inserted into the panel hole cutout. It is held onto the panel by a metal hex nut tightened down to a torque of 10 inch pounds to achieve the correct sealing pressure.



molex®

ML-XT™ Sealed Connection System

The rugged ML-XT connection system, featuring market-leading high-performance seal technology, is a cost-competitive solution offering superior reliability for critical marine and vehicle-wiring applications in harsh environments. The ML-XT is proven to resist chemicals and prevent ingress of fluids under extreme conditions. It features an advanced two-shot LSR molded one-piece plug, plus rear HCR seals with cover guards to guarantee optimum seal positioning at all times – even when mating and unmating. The result is an interconnect system that is both efficient in cost and which achieves superior reliability over de facto industry standard systems.

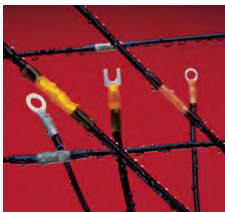


MX150L™ Industrial Sealed Connector System

The MX150L sealed connector system is designed to meet the need for a rugged, environmentally sealed interconnect platform supporting both low-level signal applications as well as power applications up to 40.0A -- from marine applications to off-road construction equipment applications. The system is comprised of wire-to-wire, wire-to-panel and wire-to-board configurations.

XRC™ (Extra Rugged Circular) Sealed Plugs and Receptacles

XRC sealed, plastic circular connectors are IP67-rated and meet the demanding requirements of the transportation industry. New low insertion force stamped terminals provide an economical drop-in replacement that is interchangeable with competitors connector housings.



Perma-Seal™

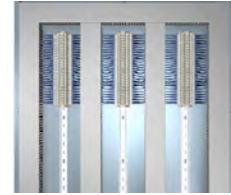
Terminals and splices that provide a rugged, environmentally sealed connection for wire sizes 8 to 22 AWG. The Perma-Seal insulates, seals, and protects joints from physical abuse, abrasion, water and salt. Shrinks 40% faster than comparable nylon or polyolefin products.

Visit our eStore: Check stock, buy parts and track orders with our easy-to-use online store: <https://estore.heilind.com>



Wiring Duct

Premium wire management product for routing and concealing wiring. Wide variety of sizes, colors and materials are available. Also available: DIN Rail wiring duct, flexible wiring duct and optional covers.



Cable Management Accessories

Comprehensive selection of wire management products. High quality products engineered to speed installation and lower your installed costs.



With its global footprint and advanced fluid level technology, Standex-Meder Electronics designs and manufactures a broad range of innovative marine products.

Marine Applications

PARTNER | SOLVE | DELIVER

SMD Reed Sensors ●

MK01, MK15, MK16, MK17,
MK22, MK23, MK24, Custom

Hall Sensors ●

MH04, MH21, Custom

Level Sensors ●

LS01, LS02, LS03,
LS04, LS05, Custom

Packaged Reed Sensors ●

MK02, MK03, MK04, MK05, MK06,
MK11, MK11S, MK11B, MK13, MK14
MK18, MK26, MK27, MK28, Custom

AUTOMOTIVE - HEAVY-DUTY TRUCKS - AVIATION - MARINE - RECREATIONAL VEHICLES - TRAINS - eCARS - eBIKES - MOTORCYCLES - MIL/AERO



Performance. Trust. Innovation.



AUTHORIZED DISTRIBUTOR

AMPSEAL 16 Connectors

AMPSEAL 16 connectors were designed to meet the rigorous demands of automotive, off-road, heavy-duty industrial, recreational and agricultural applications. Designed to the highest standards in performance, the AMPSEAL 16 connector family features both wire-to-wire and wire-to-device options. Both pin and receptacle housings come fully assembled, offering a one-piece approach for applied cost savings and ease of ordering. The connector family utilizes size 16 heavy-duty stamped and formed contacts offering increased terminal strength, 13A current rating, lanceless design and a wide wire range of 20-14 AWG. The TE Connectivity AMPSEAL 16 connector system is available in 2-12 positions and features keying/polarization to prevent mismating. The system also includes integral CPA and TPA mechanisms to ensure connector and terminal positioning for secure mating.



Raychem Heat Shrink Tubing

TE Connectivity’s heat shrink tubing is a valued option for insulation, protection and sealing, and provides a more efficient solution than taping, molding, or potting. When heated, the tubing conforms to the size and shape of the underlying substrate – allowing for quick and easy installation. Available in a wide variety of materials, colors and sizes, heat shrink tubing is delivered in easy-to-use forms such as spools, 1.2m lengths and cut pieces. Our staff will assist you in selecting the best product for your application, ultimately optimizing the performance and installation of your solution. We also offer customized products to enhance product handling, installation and logistics.

AMPSEAL, Raychem, TE Connectivity and TE connectivity (logo) are trademarks.

Heilind Electronics is a leading distributor of electronic components to industrial OEMs and contract manufacturers. Our warehouses have the industry’s largest inventory of interconnect items from industry-leading manufacturers. Our high-quality products for the marine industry include:

Connectors
Solderless Terminals
Tubing & Sleeving
Hardware

Terminal Blocks
Relays
Wire & Cable
ID Products/Labels

Switches
Fuses & Holders
Fans
LEDs