



Industry Application Report

November 2021



Water Cleaning Systems.

Pools in hotels, public pools, leisure centres and gyms require a purification water system that helps to remove bacteria, substances, viruses, algae, fungus and other pathogens commonly found in these areas. The process could include various steps and require more than one piece of equipment to guarantee the adequate quality of the liquid for use in sports or recreation.

The system is used nonstop during the opening hours and requires heavy-duty, corrosion-proof and waterproof components. With its IP68 sealed rating, the 900 Series Buccaneer is perfectly suited to provide a secure power connection to water treatment equipment for swimming pools.

- ⬡ Potential Markets: Hotels / Recreation & Leisure
- ⬡ 900 Series Buccaneer is Water & Dustproof to IP68 when mated with compatible connector
- ⬡ 900 Series Buccaneer has a positive fast-acting locking ring - can be turned with a gloved hand



Products Related To This Industry:



PX0911 / PXA911

900 Series Buccaneer

Flex Cable Connectors. Water and dustproof to IP68 when mated with compatible connector. Positive fast-acting locking ring - can be turned with a gloved hand. Plug or Socket. 2, 3, 4, 5, 7, 10 Pole with leading Earth on 3, 4, 5, 7 Pole versions, trailing Neutral on 5 Pole version. Screw Terminals.



PX0921 / PXA921

900 Series Buccaneer

Flex In-Line Cable Connectors. Water and dustproof to IP68 when mated with compatible connector. Positive fast-acting locking ring - can be turned with a gloved hand. Plug or Socket. 2, 3, 4, 5, 7, 10 Pole with leading Earth on 3, 4, 5, 7 Pole versions, trailing Neutral on 5 Pole version. Screw Terminals.



PX0931

900 Series Buccaneer

Panel Mount Connector. Water and dustproof to IP68 when mated with compatible connector. Positive fast-acting locking ring - can be turned with a gloved hand. Plug or Socket. 2, 3, 4, 5, 7, 10 Pole with leading Earth on 3, 4, 5, 7 Pole versions, trailing Neutral on 5 Pole version. Single hole fitting, anti-rotation key.



PX0941

900 Series Buccaneer

Flange Mount Connector. Water and dustproof to IP68 when mated with compatible connector. Positive fast-acting locking ring - can be turned with a gloved hand. Plug or Socket. 2, 3, 4, 5, 7, 10 Pole with leading Earth on 3, 4, 5, 7 Pole versions, trailing Neutral on 5 Pole version. Supplied with high grade sealing gasket.



Process Measurement Devices.

The quantification and comparison of data is vital for all industries. Allowing to design, identify, validate or rectify processes. The action of the collection and analysis of this information is the measurement. From Marine to Aerospace, the Industries require measuring and controlling instruments to provide reliable data for diverse goals.

The confidence and reliability of measurement instruments are essential to achieve the desired results or identify potential risks. Therefore, the measurement equipment requires to be assembled with high-quality components. Our flange mount Standard Buccaneer is used to connect the operator interface module to the sensor in process controllers and meters.

- ⬡ Potential Markets: Industrial / Automotive
- ⬡ These Environmentally Sealed Power Connectors are IP68 & IP69K Rated - setting the gold standard for Dust & Waterproof Circular Connectors



Products Related To This Industry:



PX0736 Series

Standard Series Buccaneer

Water and dustproof to IP68 when mated with compatible connector. Plug or Socket. 2, 3, 4, 6, 7, 9, 12, 25 Pole with leading Earth contact on 3 Pole. Socket versions. Screw, Crimp, Crimp/Solder Terminations depending on part code and number of Poles. Screw contacts supplied fitted, Crimp contacts supplied loose.



PX0730/P Series

Standard Series Buccaneer

Water and dustproof to IP68 when mated with compatible connector. Single hole fixing. Plug or Socket. 2, 3, 4, 6, 7, 9, 12, 25 Pole with leading Earth contact on 3 Pole Socket versions. Screw, Crimp, Crimp/Solder Terminations available depending on part code and number of Poles.



PX0737 Series

Standard Series Buccaneer

Water and dustproof to IP68 when mated with compatible connector. Plug or Socket. 2, 3, 4, 6, 7, 9, 12, 25 Pole with leading Earth contact on 3 Pole Socket versions. Screw, Crimp, Crimp/Solder Terminations available depending on part code and number of Poles. Screw contacts supplied fitted, Crimp contacts supplied loose.



PX0700 Series

Standard Series Buccaneer

Water and dustproof to IP68 when mated with compatible connector. Plug or Socket. 2, 3, 4, 6, 7, 9, 12, 25 Pole with leading Earth contact on 3 Pole Socket versions. Cable acceptance up to 14mm diameter with PVC or PU jackets. PX0734 Sealing Cap available separately to maintain IP rating of unmated connectors.



Medication Dispenser.

A medication dispenser is a personal electronic device used in homes, care homes, and hospitals to automatically store and dispatch the medication, controlling the use and dosage. Within medical, pharmaceutical industries and hospitals, an industrial version called automated dispenser cabinet is used on a big scale. Additionally to the dispatching function, the device gathers information of the users such as; ID, quantity, date, and purpose.

Available in a variety of dot or ring LED colour options, our Stainless Steel Vandal Resistant Push-button Switches are utilised to operate home medication dispensers.

- ⬡ Potential Markets: Medical / Scientific / Commercial
- ⬡ Efficiency & up-time is of the utmost importance
- ⬡ Bulgin's push button switches are a perfect solution for operating heavy duty machinery



Products Related To This Industry:



8300 Series

Vandal Resistant Switch

Vandal Resistant IP66 Panel Sealed Stainless Steel Push Button Switches. ENEC, UL, CSA approved. Approvals & ratings can vary with function - see technical data for details. Single Pole & Double Pole versions in same body size.



MPI001 Series

Vandal Resistant Switch

22mm diameter bezel. 19.2mm Panel Cutout
Single pole. Push to make tactile (momentary action).
Choice of Termination depending on part code:
/28 - 2.8mm Tab. /TE or /TERM - Screw Terminal.
/RP - Solder Tag. /FL - 300mm Flying Leads; white - switch, red - LED +, black - LED.



MPB Series

Vandal Resistant Switch

Brass Chrome Plated Low Profile Vandal Resistant Push Button Switches. Choice of switch operations, diameters & IP ratings depending on part code. Solder Tag except for MPB037 (Screw Terminal). Where an IP rating is shown, switch is front panel sealed to IP rating given, microswitch is not sealed.



MP0050 Series

Vandal Resistant Switch

Stainless Steel Large Diameter Vandal Resistant Push Button Switches. Front panel sealed to IP66 (microswitch is not sealed). 32mm diameter. Solder Tag. Choice of Low Profile (MP0050) or Protruding Profile (MP0050/2).



Radiation Detection Equipment.

These portable instruments are used in the detection of radiation. Preceded by the Geiger Counters, they help to identify alpha, beta and gamma rays' particles. Their main application is in radiological exploration, experimental physics and the nuclear industry. With the integration of reliable and resistant to harsh environments components, these devices are lighter in weight, easy to use, improving detection range, and friendlier with other devices to transfer data.

A combination of our Battery Holders and Illuminated Vandal Switches are designed into hand-held devices which are used to detect radiation levels.



- ⬡ Potential Markets: Medical / Scientific / Industrial
- ⬡ AA Battery Holder performs in -30°C to $+70^{\circ}\text{C}$ Operating Temperature / UL94V-0 Flammability Rating
- ⬡ Bulgin's push button switches are a perfect solution for operating heavy duty machinery

Products Related To This Industry:



BX0011/1

Battery Holders

AA/R6 Flanged Panel Mount Battery Holders For 1-3 Cells (Bayonet Cap With Coin Slot). Panel Mount Battery Holder. Solder Tags. Bayonet/Screwdriver release. -30°C to +70°C Operating Temperature. UL94V-0 Flammability Rating. RoHS Compliant. Number of battery cells: BX0011/1, BX0012/1 & BX0013/1.



BXS/ 011 / 012 / 013/1

Battery Holders

AA/R6 Sealed Flanged Panel Mount Battery Holders For 1-3 Cells. IP67 Rated. Panel Mount Battery Holder. Front Panel Sealed to IP67 - Dust & Waterproof. Solder Tag. Bayonet Cap with Finger/Coin Release. -30°C to +70°C Operating Temperature. UL94V-0 Flammability Rating.



MPI001 Series

Vandal Resistant Switch

22mm diameter bezel. 19.2mm Panel Cutout. Single pole. Push to make tactile (momentary action). Choice of Termination depending on part code: /28 - 2.8mm Tab. /TE or /TERM - Screw Terminal. /RP - Solder Tag. /FL - 300mm Flying Leads; white - switch, red - LED +, black - LED.



MP0050 Series

Vandal Resistant Switch

Stainless Steel Large Diameter Vandal Resistant Push Button Switches. Front panel sealed to IP66 (microswitch is not sealed). 32mm diameter. Solder Tag. Choice of Low Profile (MP0050) or Protruding Profile (MP0050/2).





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