

Industry Applications.



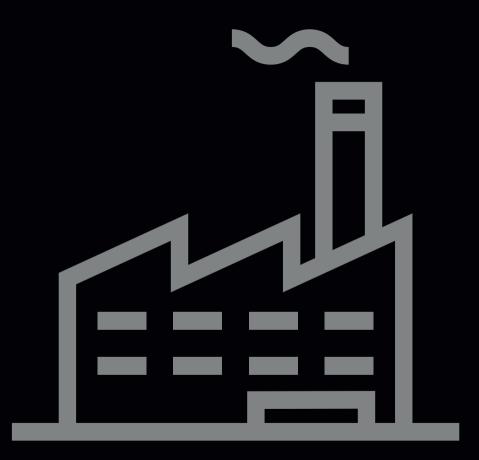
Bulgin is widely recognised as a leading manufacturer of environmentally sealed connectors & components.

With 100 years of experience in the industry, Bulgin continues to innovate & develop products & services to cater for its global customer base across a variety of markets.

Industrial.

Industrial environments are often exposed to many harsh elements such as water, vibration, chemicals & extreme temperatures, but with demand growing for automated processes, there is more pressure than ever before on production & motion control systems. To overcome these challenging conditions, our connectivity solutions with metal or plastic housings are used around the world to facilitate secure power, signal & data connections in the harshest of environments.

Our robust range of vandal proof push button switches are also a perfect solution for operating heavy duty tools, metal & wood processing equipment, food & beverage processing systems & packaging machinery.



Automation.

With an increasing demand for automated machines & systems, secure & reliable connections are vital for industrial automation applications where efficiency & uptime is of the utmost importance. Our waterproof circular connectors are the perfect solution for automation systems such as factory automation, industrial networks & robotics.

From movement signals to manufacturing & material handling processes, our robust sealed connector range for power, signal & data perform excellently in harsh environments where moisture, extreme temperatures & vibration are present. With IP66, IP67, IP68 & IP69K ratings, they are particularly ideal for production lines that are prone to dust & liquid build up.

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// Industry Applications:

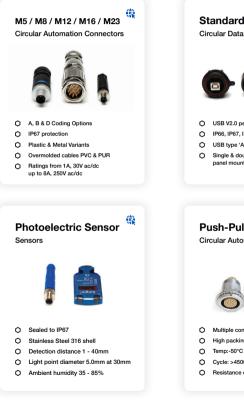
- Industrial Robotics
- O Pharmaceutical Manufacturing
- Automotive Manufacturing
- O Food & Beverage Processing
- O Material Handling Equipment

- Packaging Equipment
- O Process Control Systems
- O Machining & Metal Processing
- O Semiconductor Manufacturing
- O Factory Automation Machines





Products Related To Industry:





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4000 Series Circular Power Connectors



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- O Ratings up to 13A, 600V ac/dc
- O 2, 3, 4, 6, 8, 10 & 12 Contacts
- D IP66, IP67, IP68 & IP69K protection
- 0 Pin or socket, bayonet locking
- UL. CSA & VDE approvals

Standard Series Circular Power Connectors



- Ó Rating up to 12A, 277V ac/dc
- O 2, 3, 4, 6, 7, 9, 12 & 25 contacts
- Ô IP66, IP67, IP68 & IP69K protection
- 0 Plug & receptacle connectors
- Ó CCC, UL, CSA & VDE approvals

Push-Pull Series Circular Automation Connectors



- Multiple contacts from 2 to 30
- High packing density for space savings
- Temp:-50°C to +200°C
- Cvcle: >4500
- Resistance of Vibration: 10-2000Hz, 15g

Standard Ethernet Circular Data Connectors



- O Cat5e RJ45 Ethernet Connectors
- O Data rates up to 100MHz
- O IP66, IP67, IP68 & IP69K protection
- Shielded system
- Noise immunity & EMI protection

6000 Series Circular Power Connectors



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- O 2 22 Contacts
- Ó Plastic or Metal Housing
- Ó IP66, IP67, IP68 & IP69K protection
- Secure, quick mating / release n
- CULus, UL, VDE Approvals

Tools & Machinery.

Industrial environments are exposed to many impeding elements such as water, vibration, chemicals & extreme temperatures. With demand growing for automated processes, there is more pressure than ever before on production & motion control systems.

To overcome these potentially detrimental conditions, our connectivity solutions with metal or plastic housings are used around the world to facilitate secure power, signal & data connections in the harshest of environments. Our robust range of vandal proof push button switches are also a perfect solution for operating heavy duty tools, metal & wood processing equipment, food & beverage processing systems & packaging machinery.

// Industry Applications:

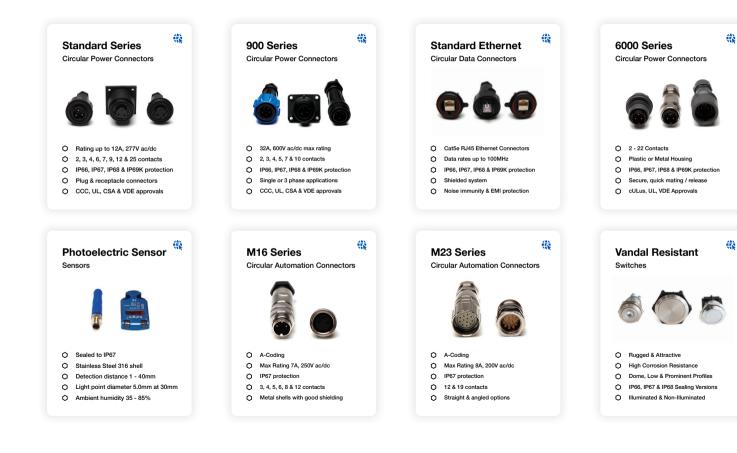
- Industrial Food Slicer
- O Vacuum Packaging Machine
- O Printed Electronics Machinery
- O Heavy Industrial Food Processor
- O Industrial Grade Printer

- Industrial Automated Saws
- O Industrial Coating Machinery
- O Industrial Sand Blaster





Products Related To Industry:



Instrumentation & Measurement.

Instrumentation & measurement systems are vital for ensuring productivity, reliability, safety & continuity in the industrial sector. Accurate & consistent measurements allow for process control & automated manufacturing systems to be optimised for maximum efficiency. Reliable electronic components are essential for achieving this.

That's where we come in. From control interfaces to power & data connections, Bulgin has a diverse choice of electronic solutions ideal for systems that measure a variety of parameters including pressure, moisture, flow, temperature & vibration.

// Industry Applications:

- O Handheld Moisture Detectors
- O Wireless Data Logger
- O Flow Meters & Industrial Scales
- O Solar Water Pump Controller
- O Terrain Monitoring

- O Handheld Radiation Detection
- O Pipe Inspection System
- O Pressure Transmitter
- O Wireless Load Sensors
- O Moisture Meters

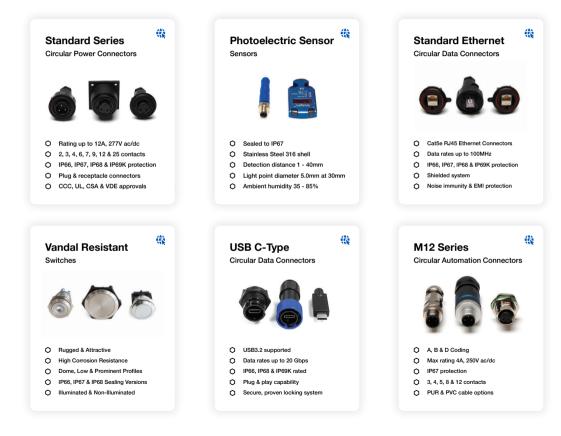




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Products Related To Industry:



Push-Pull Series
Circular Automation Connectors

400 Series SMB

Circular Data Connectors

O 50Ω impedance SMB antenna

IP66, IP67, IP68 & IP69K protection

Rewireable & pre-wired options

Frequency range 0 - 4GHz

C RG-174 cables

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Bulgin has you covered.

Our components are available through a large network of National & International Distributors Worldwide.

Search for distributors at: <u>www.bulgin.com/en/products/distributors</u>

Search for stock at: <u>www.bulgin.com/en/products/stock</u>



www.bulgin.com

Americas

Bulgin 10619 Painter Avenue Suite A Santa Fe Springs CA 90670 USA

tel: +1-833-428-5446 (1-833-4-bulgin) fax: +1 760-343-3445 e: info@bulgin.com

UK, Middle East & Africa

Bulgin 200 Cambridge Science Park Milton Road Cambridge CB4 0GZ UK

tel: +44 (0) 1803 407757 and +44 (0) 800 056 9059 Germany tel: +49 (0) 800 000 0547 e: info@bulgin.com

Asia Pacific

Bulgin Singapore tel: +65 800-101-3704 China tel: +86 400-120-8784 e: info@bulgin.com