Industrial.
Automation

With an increasing demand for automated machines and systems, secure and reliable connections are vital for industrial automation applications where efficiency and uptime is of the upmost importance. Our waterproof circular connectors are the perfect solution for automation systems such as factory automation, industrial networks and robotics. From movement signals to manufacturing and material handling processes, our robust sealed connector range for power, signal and data perform excellently in harsh environments where moisture, extreme temperatures and vibration are present.

With IP66, IP67, IP68 & IP69K ratings, they are particularly ideal for production lines that are prone to dust & liquid build up.

Applications

Industrial Robotics
Pharmaceutical Manufacturing
Automotive Manufacturing
Food & Beverage Processing
Material Handling Equipment
Packaging Equipment
Process Control Systems
Machining & Metal Processing
Semiconductor Manufacturing
Factory Automation Machines
Product Lines

**M5 Series**
- A-Coding
- Ratings up to 1A, 60V ac/dc
- IP67 protection
- 3 & 4 contacts
- PUR & PVC cable options

**M8 Series**
- A & B Coding
- Ratings up to 3A, 60V ac/dc
- IP67 protection
- 3, 4 & 5 contacts
- PUR & PVC cable options

**M12 Series**
- A, B & D Coding
- Max rating 4A, 250V ac/dc
- IP67 protection
- 3, 4, 5, 8 & 12 contacts
- PUR & PVC cable options

**M16 Series**
- A-Coding
- Max Rating 7A, 250V ac/dc
- IP67 protection
- 3, 4, 5, 6, 8 & 12 contacts
- Metal shells with good shielding

**M23 Series**
- A-Coding
- Max Rating 8A, 200V ac/dc
- IP67 protection
- 12 & 19 contacts
- Straight & angled options

**I/O Boxes**
- Anodised aluminium housing
- M12 inputs M8 outputs
- Operating Temp Range -25°C to 80°C
- IP67 rated
- 5, 8 & 9 port configurations

**Standard Ethernet**
- Cat5e RJ45 Ethernet Connectors
- Data rates up to 100MHz
- IP66, IP67, IP68 & IP69K protection
- Shielded system
- High noise immunity & EMI protection

**6000 Series Power**
- 2 - 22 Contacts
- Plastic or Metal Housing
- IP66, IP67, IP68 & IP69K protection
- Secure, quick mating & release connectors
- cULus, UL, VDE Approvals
Industrial environments are exposed to many impeding elements such as water, vibration, chemicals and extreme temperatures. With demand growing for automated processes, there is more pressure than ever before on production and 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 and 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 and wood processing equipment, food and beverage processing systems and packaging machinery.

**Applications**

- Industrial Food Slicer
- Vacuum Packaging Machine
- Printed Electronics Machinery
- Heavy Industrial Food Processor
- Industrial Grade Printer
- Industrial Automated Saws
- Industrial Coating Machinery
- Industrial Sand Blaster
Product Lines

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

900 Series Power
- 32A, 600V ac/dc rating
- 2, 3, 4, 5, 7 & 10 contacts
- IP66, IP67, IP68 & IP69K protection
- Single or 3 phase applications
- CCC, UL, CSA & VDE approvals

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

6000 Series Power
- 2 - 22 Contacts
- Plastic or Metal Housing
- IP66, IP67, IP68 & IP69K protection
- Secure, quick mating & release connectors
- cULus, UL, VDE Approvals

M12 Series
- A, B & D Coding
- Max rating 4A, 250V ac/dc
- IP67 protection
- 3, 4, 5, 8 & 12 contacts
- PUR & PVC cable options

M16 Series
- A-Coding
- Max Rating 7A, 250V ac/dc
- IP67 protection
- 3, 4, 5, 6, 8 & 12 contacts
- Metal shells with good shielding

M23 Series
- A-Coding
- Max Rating 8A, 200V ac/dc
- IP67 protection
- 12 & 19 contacts
- Straight & angled options

Vandal Resistant Switches
- High resistance to wear & tear, corrosion & harsh use
- Domed, low & prominent profiles
- IP66 & IP68 sealing versions
- Illuminated & non-illuminated options
- Front & rear panel mount versions
Instrumentation and measurement systems are vital for ensuring productivity, reliability, safety and continuity in the industrial sector. Accurate and consistent measurements allow for process control and 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 and data connections, Bulgin has a diverse choice of electronic solutions ideal for systems that measure a variety of parameters including pressure, moisture, flow, temperature and vibration.

Applications
- Handheld Moisture Detectors
- Wireless Data Logger
- Flow Meters
- Solar Water Pump Controller
- Industrial Scales
- Terrain Monitoring
- Handheld Radiation Detection
- Pipe Inspection System
- Pressure Transmitter
- Test Bench
- Wireless Load Sensors
- Moisture Meters
**Product Lines**

**Standard Power**
- Rating up to 12A, 277V ac/dc
- A, B & D Coding
- Max rating 4A, 250V ac/dc
- IP67 protection
- 3, 4, 5, 8 & 12 contacts
- PUR & PVC cable options
- Secure, quick mating & release connectors
- cULus, UL, VDE Approvals
- High resistance to wear & tear, corrosion & harsh use
- Domed, low & prominent profiles
- IP66 & IP68 sealing versions
- Illuminated & non-illuminated options
- Front & rear panel mount versions

**M12 Series**
- A-Coding
- Max Rating 7A, 250V ac/dc
- IP67 protection
- 3, 4, 5, 6, 8 & 12 contacts
- Panel mounting versions
- Metal shells with good shielding

**Standard Ethernet**
- Cat5e RJ45 Ethernet Connectors
- Data rates up to 100MHz
- IP66, IP67, IP68 & IP69K protection
- Shielded system
- High noise immunity & EMI protection

**6000 Series Power**
- 2 - 22 Contacts
- Plastic or Metal Housing
- IP66, IP67, IP68 & IP69K protection
- Secure, quick mating & release connectors
- cULus, UL, VDE Approvals

**Battery Holders**
- AAA, AA, C, D & PP3 battery sizes
- Accommodating 1, 2, 3 or 4 cells
- IP67 sealed versions
- Suitable for PCB mounting
- Panel mounting versions

**M16 Series**
- A-Coding
- Max Rating 7A, 250V ac/dc
- IP67 protection
- 3, 4, 5, 6, 8 & 12 contacts
- Panel mounting versions
- Metal shells with good shielding

**400 Series SMB**
- 50Ω impedance SMB antenna connector
- Frequency range 0 - 4GHz
- IP66, IP67, IP68 & IP69K protection
- Rewireable & pre-wired connector options
- RG-174 cables