



# Industrial – Why Harwin?

**Your products are responsible for production uptime for your customers.** Failure will cost them downtime and resource. Specify quality connectors from Harwin, designed for industrial environments.

**Harwin are certified to EN9100D / AS9100D**, ensuring continual improvement and quality management systems. From durable industrial connectors to basic pin headers and sockets, you can have confidence in Harwin's quality assurance.

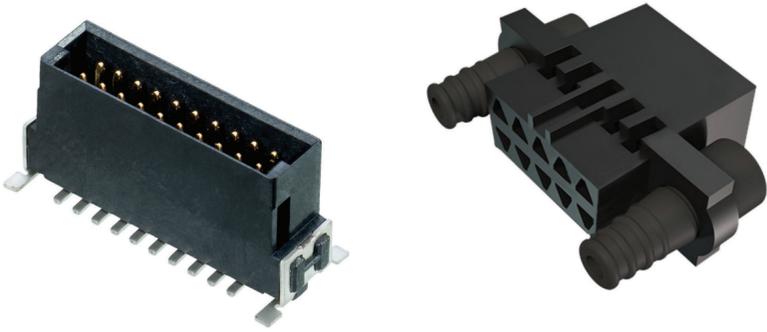
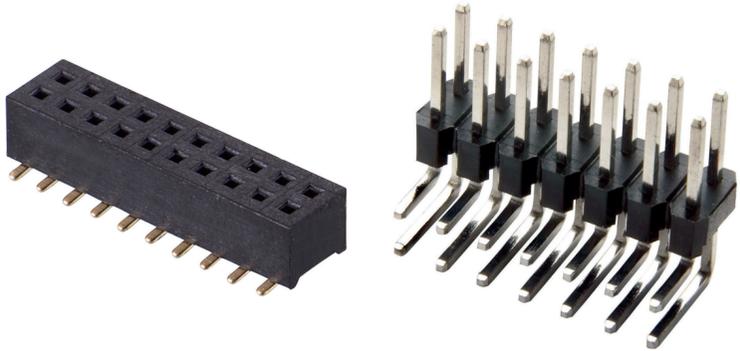
Many of Harwin's industrial and PCB connector ranges are compatible with industry-standard connector systems, so your swap to our products will not cause any significant downtime.

**HARWIN**



# Typical Industrial Applications

- Industrial and factory equipment, production line controls, drive units for large scale installations
- IOT and IIOT, handheld and portable monitoring equipment, data collection
- Mobile maintenance and display control systems, trackside and roadside monitoring
- Site control, ground and machinery monitoring, portable test equipment
- Base station communications, ground control systems

| Durable Industrial Connectors  |  | PCB Connectors  |   | Spring Contacts   |  |
|--|--|---|---|---|--|
|    |  |    |   |    |  |
| Archer Kontrol, M225   |  | Archer, M20, M22, M30, M40  |   | SMT Contacts & Pads, Pogo Pins  |  |
| <ul style="list-style-type: none"> <li>• 1.2A (Archer Kontrol) or 3A (M225) per contact</li> <li>• Board-to-board variable height from 8-20mm</li> </ul> | <ul style="list-style-type: none"> <li>• Polarized and shrouded; ready-made cables</li> <li>• 3Gbits/s data rate (Archer Kontrol)</li> </ul> | <ul style="list-style-type: none"> <li>• 1mm to 2.54mm pitch</li> <li>• Board-to-board and board-to-cable variations</li> </ul> | <ul style="list-style-type: none"> <li>• 0.5A to 3A per contact (pitch dependent)</li> <li>• Cost-effective solutions stocked in depth</li> </ul> | <ul style="list-style-type: none"> <li>• Free heights from 1.23mm to 8.20mm</li> <li>• Working heights from 0.90mm to 7.10mm</li> </ul> | <ul style="list-style-type: none"> <li>• High mating durability - 1K to 10K min cycles</li> <li>• 1A to 9A max (design dependent)</li> </ul> |

| EMC Shielding  |   | PCB Sockets   |   | PCB Hardware  |   |
|--|---|---|---|---|---|
|   |   |    |   |    |   |
| <ul style="list-style-type: none"> <li>• SMT Clips and removable Nickel Silver Cans</li> <li>• 0.15/0.2/0.3mm thick cans ideal for high frequency</li> </ul> | <ul style="list-style-type: none"> <li>• Clips available in corner and very low profile</li> <li>• Easy for rework and maintenance</li> </ul> | <ul style="list-style-type: none"> <li>• 2A to 20A options; 2, 3, 4 and 6 beam contacts</li> <li>• SMT and Throughboard variations</li> </ul> | <ul style="list-style-type: none"> <li>• Mating pin sizes Ø0.46mm to Ø2.30mm</li> <li>• Hi-Rel contact design on Two-piece sockets</li> </ul> | <ul style="list-style-type: none"> <li>• SMT Test Points &amp; Cable management clips</li> <li>• Coin Cell Holders</li> </ul> | <ul style="list-style-type: none"> <li>• Fixed &amp; Removable Jumper links</li> <li>• Terminals &amp; Spacers/Pillars/Standoffs</li> </ul> |