

Junction Boxes

CTC offers a wide variety of Junction Boxes ranging from 1 channel up to 48 channels. Multiple channel count configurations means that you only pay for the number of channels that you require. All of our enclosures with latching doors feature NEMA 4X (equivalent to IP66) ratings to ensure that they will stand up to outdoor environments, as well as tough factory environments.

Switch Boxes



JB Series switch boxes provide a switched output to BNC and 2 or 3 pin connectors. Available with input options of 4-12 or 24-48 single output, dual output, or triaxial output sensors, and fiberglass, stainless steel, or sloped top stainless steel enclosure options. Quick release terminal blocks and online expansion are standard in this series. Premium JB Series switch boxes feature an IEPE bias indicator light, eliminating the need for separate accelerometer test meters.

Switch Boxes with Continuous Output BNC



SB Series switch boxes provide a switched output from remotely installed sensors to a data collector through a BNC and a 2-pin MIL spec connector, and are internally earth grounded for noise reduction. Available with input options of 4-12 or 24-48 single output, dual output, or triaxial output sensors, and fiberglass, stainless steel, or sloped top stainless steel enclosure options.

Cable Termination Boxes



CT and TCT Series cable termination boxes are cost effective, polycarbonate enclosures featuring BNC jacks on the front of the box, protected by a cap cover connected to the box via a chain. Available in single axis, dual output, and triaxial accelerometer compatible offerings. IP64 rating makes them ideal for light industrial applications without moisture, chemical, or debris concerns.

Cable Reduction Boxes



CR and CRHT Series cable reduction boxes save you money on long cable runs. These fiberglass boxes can accept up to 16 individual cable inputs and consolidate them into one multi-conductor cable output.

Enclosed BNC Connection Boxes



MX and MMX Series enclosed BNC connection boxes are low-cost switch box alternatives. Their smaller form factor can accommodate up to 12 single axis sensor inputs. Sensors are connected via spring cage or screw terminal blocks, and data is collected via 12 independent BNCs. Input options include single output sensors, dual output sensors, and triaxial output sensors. Aluminum, fiberglass, polycarbonate, and sloped top stainless steel enclosure options are available.