

## Thermocouple Extension Cable

Thermocouple wire or extension grade wire are recommended to connect thermocouples to the sensing or control instrumentation. The conditions of measurement determine the type of thermocouple wire and insulation to be used. Temperature range, environment, insulation requirements, response, and service life should be considered.

### PVC / PVC (PC/PC) INSULATED EXTENSION CABLE

Calibrated conductors in, PVC Insulated, Shielded & Multi-Pairs Overall Shielded, are used for general or high system accuracy. With-standtable temperature range to **221°F (105°C)** for economy, durability and mechanical strength used. It is also tough and resistance to flame, abrasion and moisture

**\*\*Option\*\* - Stainless Steel Braided.**

### SILICON / SILICON (SIL/SIL) INSULATED EXTENSION CABLE

Calibrated conductors in, SILICON Insulated, are used as excellent insulation material with less deterioration physical properties even under hostile condition. With-standtable temperature range to **365°F (180°C)** for good resistance to chemicals (except for concentrated Alkalis), oils and grease, outdoor and zone environment.

**\*\*Option\*\* - Stainless Steel Braided.**

### TEFLON / TEFLON INSULATED (TE/TE) THERMOCOUPLE EXTENSION CABLE

Calibrated conductors in Teflon Insulation are best insulation material among organic material in respect of heat resistance, chemical resistance, electrical insulation, high frequency resistance, weather resistance, etc. With-standtable temperature range to **400°F (204°C)** improved electrical properties for high mechanical strength and high-pressured resistance over wider range of operation.

**\*\*Option\*\* - Stainless Steel Braided.**

### FIBERGLASS / FIBERGLASS (FB/FB) BRAIDED THERMOCOUPLE EXTENSION CABLE

Calibrated conductors in Fiberglass Insulated are used for as a tradition high temperature insulated material because it has excellent incombustibility, heat resistance, electric insulation and chemical stability. With-standtable temperature range to **900°F (482°C)** for additional flexibility abrasion resistance at high temperature

**\*\*Option\*\* - Stainless Steel Braided.**

### SILICA FIBER/ SILICA FIBER (CF/CF) INSULATED EXTENSION CABLE

Calibrated conductors in, ALUMINABORIC SILICA FIBER Insulated, are used for high temperature system accuracy. With-standtable high temperature range to **2200°F (1204°C)** and retains its overall product integrity at these elevated temperatures, increasing serviceability while reducing replacement and maintenance cost. With its flexibility, it offers good abrasion and chemical resistance. The insulation contains no residual acids or chlorides to leach out and cause etching of the wires.

