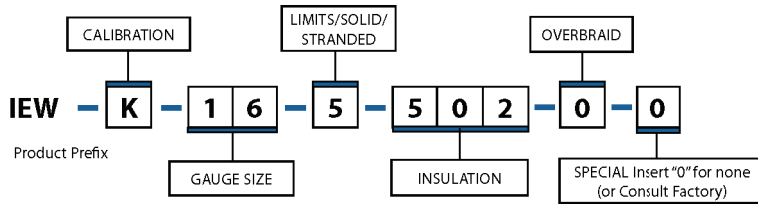


# Insulated Wire Thermocouple

## How to order: Insulated Extension Wire (IEW)



### OVERBRAID SELECTION CODE

|                                        |   |
|----------------------------------------|---|
| Stainless Steel Wire Braid             | S |
| Tinned Copper Wire Braid               | C |
| Flat Stainless Steel Ribbon Braid      | F |
| Flat Stainless Steel Spiral Wrap       | W |
| Half Oval Galvanized Steel Spiral Wrap | G |
| Inconel                                | I |

The box format above illustrates the following:  
 Type K, 16 ga., standard limits-solid conductors, polyvinyl insulation.

To order standard catalog material with overbraid do so by catalog number as follows.  
 Desired: IEW-K-20-5-502 with stainless steel wire braid.  
 Specify: Catalog Number IEW-K-20-5-502-S-0.

### Insulation

| AVAILABLE TYPES | CALIBRATION | B & S GAUGE SIZE | CONDUCTOR CODE | INSULATION CODE | EACH CONDUCTOR               | OVERALL                      |
|-----------------|-------------|------------------|----------------|-----------------|------------------------------|------------------------------|
| J, K            |             | 14               | 5              | 155             | Felted ServTex               | ServTex Braid                |
| J, K            |             | 14               | 5              | 502             | Polyvinyl                    | Polyvinyl                    |
| J, K            |             | 14               | 5              | 304             | Glass Braid                  | Glass Braid                  |
| J, K            |             | 14               | 5              | 232             | High Temperature Glass Braid | High Temperature Glass Braid |
| J, K            |             | 14               | 5              | 507             | FEP Extruded                 | FEP Extruded                 |
| J, K, S         |             | 16               | 5, 7           | 155             | Felted ServTex               | ServTex Braid                |
| J, K, S         |             | 16               | 5, 7           | 157             | TFE/Felted ServTex           | ServTex Braid                |
| J, K, S         |             | 16               | 5              | 304             | Glass Braid                  | Glass Braid                  |
| J, K            |             | 16               | 5              | 232             | High Temperature Glass Braid | High Temperature Glass Braid |
| J, K, E, T, S   |             | 16               | 5, 7           | 502             | Polyvinyl                    | Polyvinyl                    |
| J, K, E, T, S   |             | 16               | 5, 7           | 510             | Polyvinyl                    | Twisted Aluminum Mylar/PVC   |
| J, K, E, T      |             | 16               | 5              | 515             | Tefzel                       | Tefzel Twisted               |
| J, K, S         |             | 16               | 5, 7           | 507             | FEP Extruded                 | FEP Extruded                 |
| J, K, S         |             | 16               | 5, 7           | 509             | FEP Extruded                 | Twisted Aluminum Mylar/FEP   |
| J, K, E, T, S   |             | 20               | 5              | 502             | Polyvinyl                    | Polyvinyl                    |
| J, K, S         |             | 20               | 5, 7           | 232             | High Temperature Glass Braid | High Temperature Glass Braid |
| J, K, E, T, S   |             | 20               | 5, 7           | 510             | Polyvinyl                    | Twisted Aluminum Mylar/PVC   |
| J, K, E, T      |             | 20               | 5              | 514             | Tefzel                       | Tefzel                       |
| J, K, S         |             | 20               | 5              | 507             | FEP Extruded                 | FEP Extruded                 |
| J, K, S         |             | 20               | 5, 7           | 509             | FEP Extruded                 | Twisted Aluminum Mylar/FEP   |
| S               |             | 20               | 5              | 304             | Glass Braid                  | Glass Braid                  |
| S               |             | 24               | 5              | 304             | Glass Braid                  | Glass Braid                  |

| AVAILABLE TYPES | CALIBRATION | B & S GAUGE SIZE | CONDUCTOR CODE | INSULATION CODE | EACH CONDUCTOR | OVERALL                       |
|-----------------|-------------|------------------|----------------|-----------------|----------------|-------------------------------|
| R               |             | 22               | 3              | 701             | PVC            | PVC (3-wire) Stranded         |
| R               |             | 22               | 4              | 701             | PVC            | PVC (3-wire) Stranded         |
| R               |             | 24               | 3              | 705             | Glass Braid    | Glass Braid (3-wire) Stranded |
| R               |             | 24               | 4              | 705             | Glass Braid    | Glass Braid (3-wire) Stranded |