

1-800-GRAINGER (472-4643)



Types MG, TGGT, and PTFE High-Temp. Lead Wires

For commercial or industrial applications, heaters, furnaces, kilns, and food service equipment.

TYPE MG

- Rated for 600V

Mica glass composite insulation over stranded nickel-clad copper conductors. Covered by fiberglass overbraid with high-temp. finish for superior insulation and dielectric strength. UL 5335/5107, CSA AWM Class 1 Group A/B FT-1.

TYPE PTFE

- Rated for 300V

PTFE insulation is extruded over silver-plated copper conductors for high-temp. performance. UL 1180, CSA AWM Class 1 Group A/B FT-1.

TYPE TGGT

- Rated for 600V

Insulated with PTFE tape over stranded nickel-plated copper conductors, then 2 layers of fiberglass insulation. Covered by PTFE-treated fiberglass overbraid for safe, high-temp. applications. UL 5256, CSA AWM Class 1 Group A/B.

Type MG
2KE36



Spool Length	Jacket Color	Max. Temp. (°F)	22 AWG Item No.	20 AWG Item No.	18 AWG Item No.	16 AWG Item No.	14 AWG Item No.	12 AWG Item No.	10 AWG Item No.
MG									
100 ft	Natural	842°	—	—	2KE36	2KE37	2KE38	2KE39	2KE40
250 ft	Natural	842°	—	—	3GRK2	3GRK3	3GRK4	3GRK5	3GRK6
PTFE									
100 ft	Black	392°	3GRN8	3GRN7	3GRN6	3GRN5	3GRN4	—	—
100 ft	Red	392°	3GRL7	3GRL6	3GRL5	3GRL4	3GRL3	—	—
100 ft	White	392°	3GRN3	3GRN2	3GRN1	3GRL9	3GRL8	—	—
250 ft	Black	392°	3GRR5	3GRR4	3GRR3	3GRR2	3GRR1	—	—
250 ft	Red	392°	3GRP4	3GRP3	3GRP2	3GRP1	3GRN9	—	—
250 ft	White	392°	3GRP9	3GRP8	3GRP7	3GRP6	3GRP5	—	—
TGGT									
100 ft	Natural	482°	—	—	2KE41	2KE42	2KE43	2KE44	2KE45
250 ft	Natural	482°	—	—	3GRK7	3GRK8	3GRK9	3GRL1	3GRL2



41A072

Honeywell Temperature Probes

Maximize your component and product performance for many applications. These probes provide enhanced reliability, repeatability, precision, and responsiveness. Feature wide operating temperature.

Temp. Range (F)	Probe Temp. Measuring Element	Probe Connection	Probe Contact Material	Mfr. Model	Item No.
Immersion Temperature Probe					
-76° to 257°	100 Ohm NTC Thermistor	Bare Wire	300 Stainless Steel	590-53AD33-104	41A072

Probe Length	Plug or Connector Type	TYPE Type J 304 Stainless Steel Item No.	TYPE Type K Inconel 600 Item No.
0.125 in O.D., Grounded			
6 in	Mini Plug	36GL10	36GL14
6 in	Standard Plug	36GL12	36GL16
12 in	Mini Plug	36GK68	36GK71
18 in	Mini Plug	36GK69	36GK72
24 in	Mini Plug	36GK70	36GK73
0.125 in O.D., Ungrounded			
6 in	Mini Plug	36GL09	36GL13
6 in	Standard Plug	36GL11	36GL15
12 in	Mini Plug	36GK74	36GK77
18 in	Mini Plug	36GK75	36GK78
24 in	Mini Plug	36GK76	36GK79
0.188 in O.D., Grounded			
12 in	Standard Plug	36GK92	36GK94
18 in	Standard Plug	36GK93	36GK95
24 in	Standard Plug	36GL05	36GL06
0.188 in O.D., Ungrounded			
12 in	Standard Plug	36GK96	36GK98
18 in	Standard Plug	36GK97	36GK99
24 in	Standard Plug	36GL07	36GL08
Plug or Connector Type	Characteristics	TYPE J Black Item No.	TYPE K Yellow Item No.
Thermocouple Jack			
Miniature	Flat Pins	36GK87	36GK90
Miniature	Flat Pins, No Logo	36GK88	36GK91
Miniature	Flat Pins, Single Screw Design	36GK86	36GK89
Standard	2-Pin	36GL03	36GL04
Thermocouple Plug			
Miniature	Flat Pins	36GK81	36GK84
Miniature	Flat Pins, No Logo	36GK82	36GK85
Miniature	Flat Pins, Single Screw Design	36GK80	36GK83
Standard	2-Pin	36GL01	36GL02



Thermocouples and Accessories

- Type J: 32° to 1380°F
- Type K: -325° to 2280°F

These MgO-insulated thermocouples are made using the highest purity MgO for temperatures up to 2300°F (1260°C). Thermo elements are all ANSI special limits of error to give your measurements the best possible results.



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