

[Thermistores & Probes Page](#)

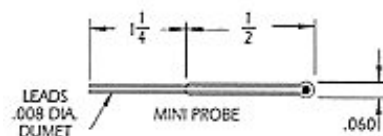
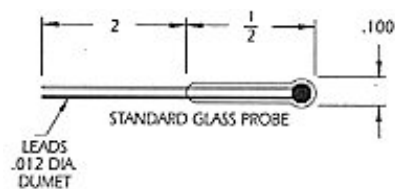
 **Request Free Literature!**

Glass Probes

Honeywell Glass Probes are shock resistant, rugged, glass encapsulated units which are ideally suited for immersion in fluid and convenient for mounting in air sensor assemblies. They are extremely reliable and stable and are usable in a wide variety of applications.

Features

- Hermetically sealed in glass
- High reliability
- Available in tolerances from +/- 1% to +/- 25%
- Maximum Temperature 300 Deg C
- Rugged glass encapsulation
- D.C. - 0.7 mW/Deg C minimum
- T.C. - 10 sec. maximum



All illustration dimensions are in inches.

| STANDARD GLASS PROBE * 20% Tolerance @ 25° C | | | |
|--|----------------|-------|-----------|
| Resis. at 25° C (Ohms) | Part ① Number | Ratio | R-T Curve |
| 1,000 | 121-102EAJ-Q01 | 7.04 | 11 |
| 2,000 | 121-202EAJ-Q01 | 7.04 | 11 |
| 5,000 | 121-502EAJ-Q01 | 7.04 | 11 |
| 10,000 | 121-103FAJ-Q01 | 7.59 | 12 |
| 50,000 | 121-503IAJ-Q01 | 9.53 | 14 |
| 100,000 | 121-104KAJ-Q01 | 10.45 | 15 |
| 200,000 | 121-204KAJ-Q01 | 10.45 | 15 |
| 500,000 | 121-504NAJ-Q01 | 11.89 | 4 |
| 1 MEG. | 121-105PAJ-Q01 | 13.12 | 5 |
| 10 MEG. | 121-106QAJ-Q01 | 15.65 | 6 |

D.C. 1 mW/° C minimum; T.C. 22 Sec. maximum

| MINI-PROBES * 20% Tolerance @ 25° C | | | |
|-------------------------------------|------------------|-------|----|
| 1,000 | 120-102EAJ-Q01 ① | 7.04 | 11 |
| 2,000 | 120-202EAJ-Q01 ① | 7.04 | 11 |
| 10,000 | 120-103FAJ-Q01 ① | 7.59 | 12 |
| 50,000 | 120-503IAJ-Q01 ① | 9.53 | 14 |
| 100,000 | 120-104KAJ-Q01 ① | 10.45 | 15 |

D.C. .7 mW/° C minimum; T.C. 10 Sec. maximum

* Also available in tighter tolerances.

① = Distributor item

Note: Other non-standard glass probes are available in lengths of 1/4", 3/4", 1", 1 1/4", 1 1/2", 1 3/4", 2", and diameters as small as .020."

Technical Information

[Resistance Tables](#)

[Thermal Glossary](#)
