

# Test Probe INGUN E-Type

## E-100 297 090 A 2000

Item E-100-0034

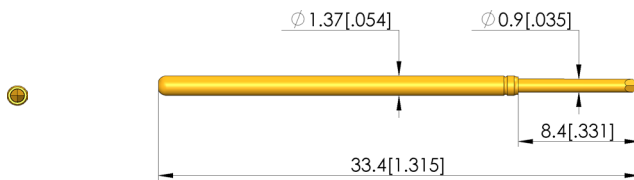


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- Highest contact reliability under challenging test conditions without additional stress on the DUT: up to 25% larger contact surface between test probe and DUT
- When hitting the test surface a spring force up to 100% higher than a standard GKS is available, but the same spring force as a standard GKS is achieved at the working stroke.
- Dimensions equivalent to the standard GKS series



### General data

|                                 |   |
|---------------------------------|---|
| Product group:                  | ICT / FCT (in-circuit test and function test) |
| Sub-product group:              | INGUN E-TYPE®                                 |
| Series:                         | E-100   |
| Grid:                           | 2.54 mm [100 mil]                             |
| Contacting from:                | Via   |
| Magnetic:                       | Yes   |
| Installation type:              | Plug-in                                       |
| Quick-exchange system:          | Yes   |
| Adjustable installation height: | No  |
| Non-rotating:                   | No  |
| Compatible receptacle(s):       | KS-100  |
| Min. temperature:               | -40 °C [-40 °F]                               |
| Max. temperature:               | 80 °C [176 °F]                                |
| RoHS-compliant:                 | Yes   |

### Tip style data

|                     |                                      |
|---------------------|--------------------------------------|
| Tip style:          | 97 4-edged 90° dagger, self-cleaning |
| Tip diameter:       | 0.9 mm [.035 in]                     |
| Tip style surface:  | A gold                               |
| Tip style material: | 2 steel                              |

### Electrical data

|  |         |
|--|---------|
| Current load capacity / rated current: | 5 A     |
| Typical resistance (Ri):               | 20 mOhm |

### Mechanical data

|                                 |                   |
|---------------------------------|-------------------|
| Total length:                   | 33.4 mm [1.31 in] |
| Barrel diameter:                | 1.37 mm [.053 in] |
| Maximum stroke:                 | 6.35 mm [.25 in]  |
| Spring pre-load:                | 1.25 N [4.49 ozf] |
| Collar height:                  | 00                |
| Spring force at working stroke: | 2 N [7.19 ozf]    |
| Recommended working stroke:     | 4.3 mm [.169 in]  |

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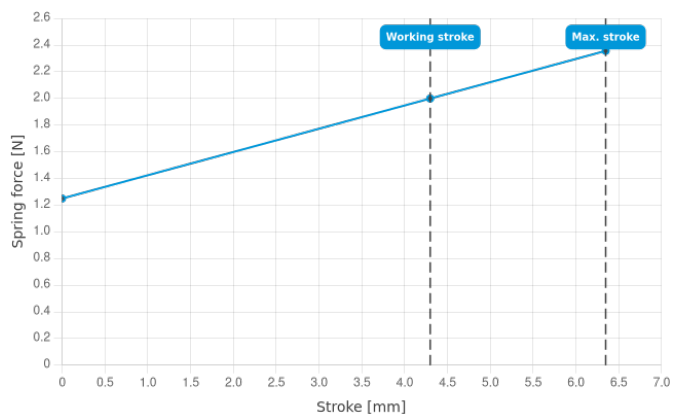
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