

# Spring-loaded test probe

## GKS-050 231 050 A 2003 M

Item GKS-050-0370



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Partner for Future Technology

- Screw-in test probes for applications with possible vibrations or unwanted side and axial forces (migration of the test probe out of the receptacle is reliably prevented)
- The screw-in test probe is securely installed in the KS using a torque screwdriver and bit tool. The required screw-in torque is applied via a square post on the receptacle.
- Stainless steel versions for temperatures from -100 °C up to +200 °C available

### General data

|                                |                                  |
|--------------------------------|----------------------------------|
| Product group                  | Screw-in test probe              |
| Sub-product group              | Screw-in test probe              |
| Series                         | GKS-050 M screw-in               |
| Grid                           | 1.27 mm [50 mil]                 |
| Contacting from                | Pad                              |
| Magnetic                       | Yes                              |
| Installation type              | Screw-in                         |
| Quick-exchange system          | Yes                              |
| Adjustable installation height | No                               |
| Non-rotating                   | No                               |
| Screw-in torque                | 0.5 - 1 cNm [.044 - .088 lbf·in] |
| Compatible receptacle(s)       | KS-050 M                         |
| Min. temperature               | - 40 °C [- 104 °F]               |
| Max. temperature               | + 80 °C [+ 176 °F]               |
| RoHS-compliant                 | RoHS-3;6a                        |

### Electrical data

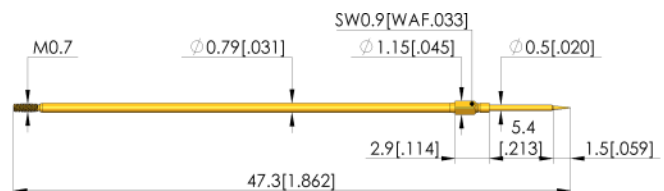
|                                       |          |
|---------------------------------------|----------|
| Current load capacity / rated current | 2 A      |
| Typical resistance (Ri)               | <20 mOhm |

### Mechanical data

|                                |                   |
|--------------------------------|-------------------|
| Total length                   | 47.3 mm [1.86 in] |
| Barrel diameter                | 0.79 mm [.031 in] |
| Maximum stroke                 | 6.35 mm [.25 in]  |
| Spring pre-load                | 0.55 N [1.97 ozf] |
| Collar height                  | .03               |
| Spring force at working stroke | 2 N [7.19 ozf]    |
| Recommended working stroke     | 4.3 mm [.169 in]  |

### Tip style data

|                    |                                    |
|--------------------|------------------------------------|
| Tip style          | 31 25° needle point, self-cleaning |
| Tip diameter       | 0.5 mm [.019 in]                   |
| Tip style surface  | A gold                             |
| Tip style material | 2 steel                            |

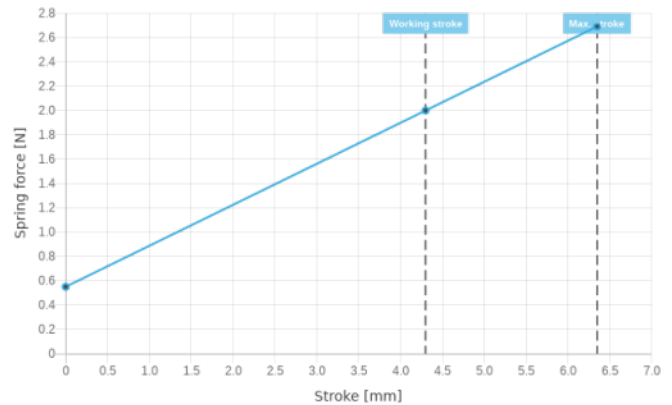


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Prices and delivery times on request.  
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Screw-in test probe



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