

# Spring-loaded test probe

## GKS-113 312 180 A 2202 M

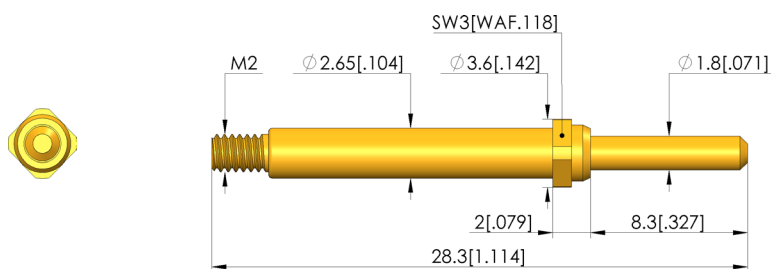
Item GKS-113-1093



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- 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-113 M screw-in               |
| Grid:                           | 4 mm [157 mil]                   |
| Contacting from:                | Pin, Post, Female connector      |
| Magnetic:                       | Yes                              |
| Installation type:              | Screw-in                         |
| Quick-exchange system:          | Yes                              |
| Adjustable installation height: | No                               |
| Non-rotating:                   | No                               |
| Screw-in torque:                | 10 - 20 cNm [.885 - 1.77 lbf-in] |
| Compatible receptacle(s):       | KS-113 M                         |
| Min. temperature:               | - 40 °C [- 104 °F]               |
| Max. temperature:               | + 80 °C [+ 176 °F]               |
| RoHS-compliant:                 | RoHS-3;6c                        |

### Electrical data

|                                        |          |
|----------------------------------------|----------|
| Current load capacity / rated current: | 8 A      |
| Typical resistance (Ri):               | <30 mOhm |

### Mechanical data

|                                 |                   |
|---------------------------------|-------------------|
| Total length:                   | 28.3 mm [1.11 in] |
| Barrel diameter:                | 2.65 mm [.104 in] |
| Maximum stroke:                 | 5.3 mm [.208 in]  |
| Spring pre-load:                | 0.75 N [2.69 ozf] |
| Collar height:                  | 02                |
| Spring force at working stroke: | 2.25 N [8.09 ozf] |
| Recommended working stroke:     | 4 mm [.157 in]    |

### Tip style data

|                     |                          |
|---------------------|--------------------------|
| Tip style:          | 12 flat with 45° chamfer |
| Tip diameter:       | 1.8 mm [.070 in]         |
| Tip style surface:  | A gold                   |
| Tip style material: | 3 CuBe                   |

SCREW-IN TEST PROBE

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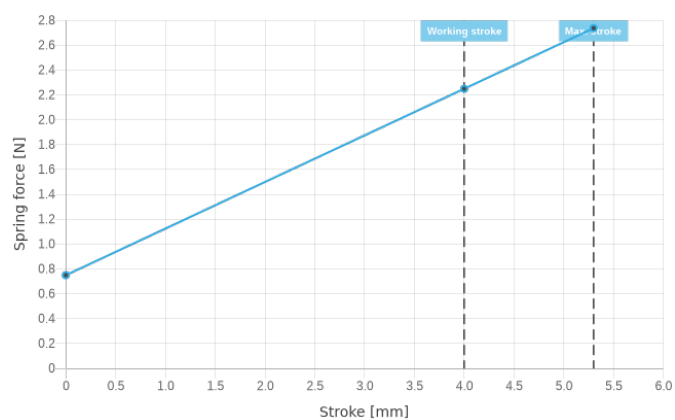
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