

### General data

|                                 |                                  |
|---------------------------------|----------------------------------|
| Screw-in torque max.:           | 20 cNm [1.77 lbf-in]             |
| Product group:                  | Step probes                      |
| Sub-product group:              | Step probes                      |
| Series:                         | T-785 M screw-in                 |
| Grid:                           | 4.5 mm [177 mil]                 |
| Contacting from:                | 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-313 M                         |
| Min. temperature:               | -40 °C [-40 °F]                  |
| Max. temperature:               | 80 °C [176 °F]                   |
| RoHS-compliant:                 | Yes                              |

### Tip style data

|                        |                              |
|------------------------|------------------------------|
| Tip style:             | 67 expanding tip with collar |
| Tip diameter:          | 2 mm [.078 in]               |
| Tip style surface:     | A gold                       |
| Tip style material:    | 3 CuBe                       |
| Step probe tip height: | 7 mm [.275 in]               |
| Disk diameter:         | 3.9 mm [.153 in]             |

### Electrical data

|                                        |         |
|----------------------------------------|---------|
| Current load capacity / rated current: | 16 A    |
| Typical resistance (Ri):               | 20 mOhm |

### Mechanical data

|                                 |                   |
|---------------------------------|-------------------|
| Total length:                   | 53.1 mm [2.09 in] |
| Barrel diameter:                | 2.65 mm [.104 in] |
| Maximum stroke:                 | 5.3 mm [.208 in]  |
| Spring pre-load:                | 1.5 N [5.39 ozf]  |
| Collar height:                  | 2                 |
| Spring force at working stroke: | 10 N [35.9 ozf]   |
| Recommended working stroke:     | 4 mm [.157 in]    |

# Test Probe

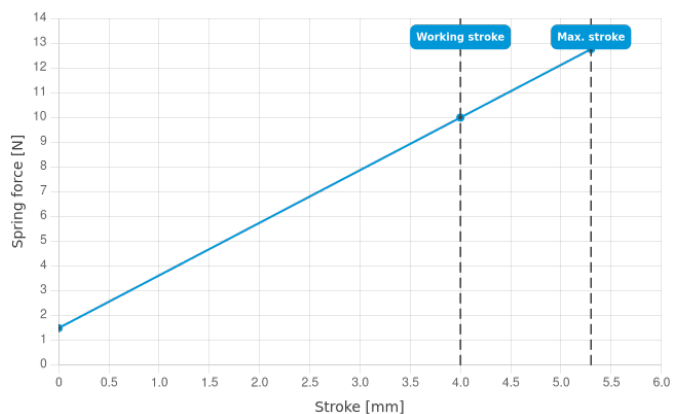
## T-785 367 200 700 400A9902M

Item T-785-0003



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