

# High-current probe

## HSS-120 305 140 A 3002 M

Item HSS-120-0302



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Partner for Future Technology

- Trusted high-current probes, optimally sized for current load capacity ratio

### General data

|                                |                                  |
|--------------------------------|----------------------------------|
| Product group                  | High-current test probe          |
| Sub-product group              | Standard HSS (screw-in)          |
| Series                         | HSS-120 M screw-in               |
| Grid                           | 4 mm [157 mil]                   |
| Contacting from                | Pad, 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               | - 100 °C [- 212 °F]              |
| Max. temperature               | + 200 °C [+ 392 °F]              |
| RoHS-compliant                 | RoHS-3;6c                        |

### Electrical data

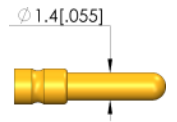
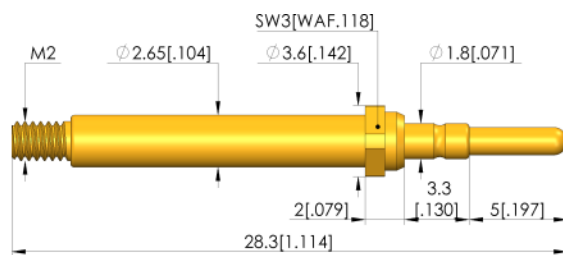
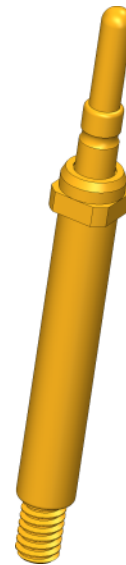
|                                       |          |
|---------------------------------------|----------|
| Current load capacity / rated current | 30 A     |
| Typical resistance (Ri)               | <10 mOhm |

### 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                | 0.71 N [2.55 ozf] |
| Collar height                  | 02                |
| Spring force at working stroke | 3 N [10.7 ozf]    |
| Recommended working stroke     | 4 mm [.157 in]    |

### Tip style data

|                    |                               |
|--------------------|-------------------------------|
| Tip style          | 05 bullet-nosed (full radius) |
| Tip diameter       | 1.4 mm [.055 in]              |
| Tip style surface  | A gold                        |
| Tip style material | 3 CuBe                        |



SCREW-IN TEST PROBE

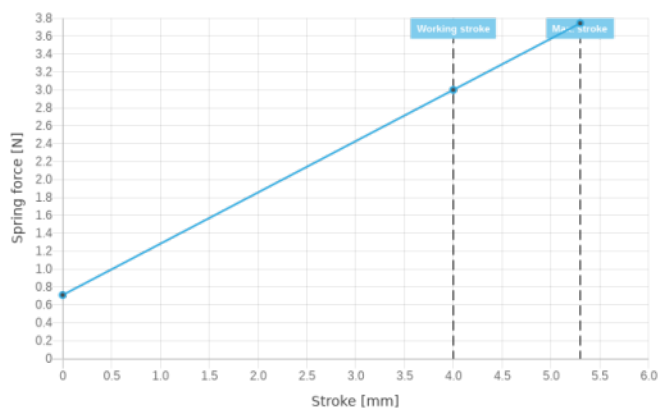
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### INGUN Prüfmittelbau GmbH

Max-Stromeyer-Straße 162  
78467, Constance, Germany  
Phone +49 7531 8105-0  
Customer hotline +49 7531 8105-888  
Fax +49 7531 8105-65  
info@ingun.com



Prices and delivery times on request.  
Technical changes reserved. 12/23 EN

Learn more about  
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