# Pneumatic test probe

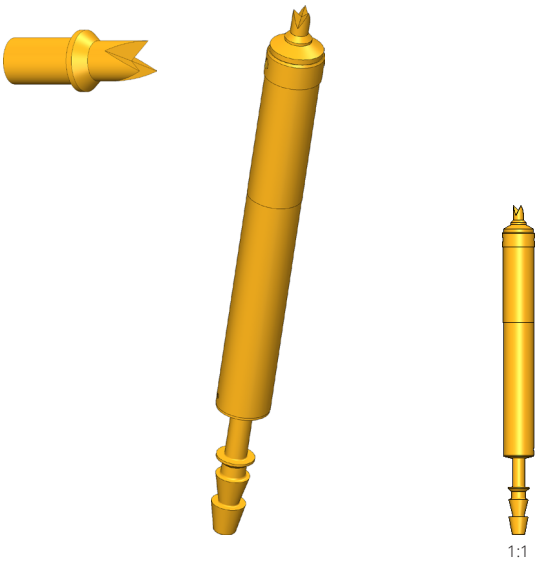
## PKS-420 233 130 A 4202 2

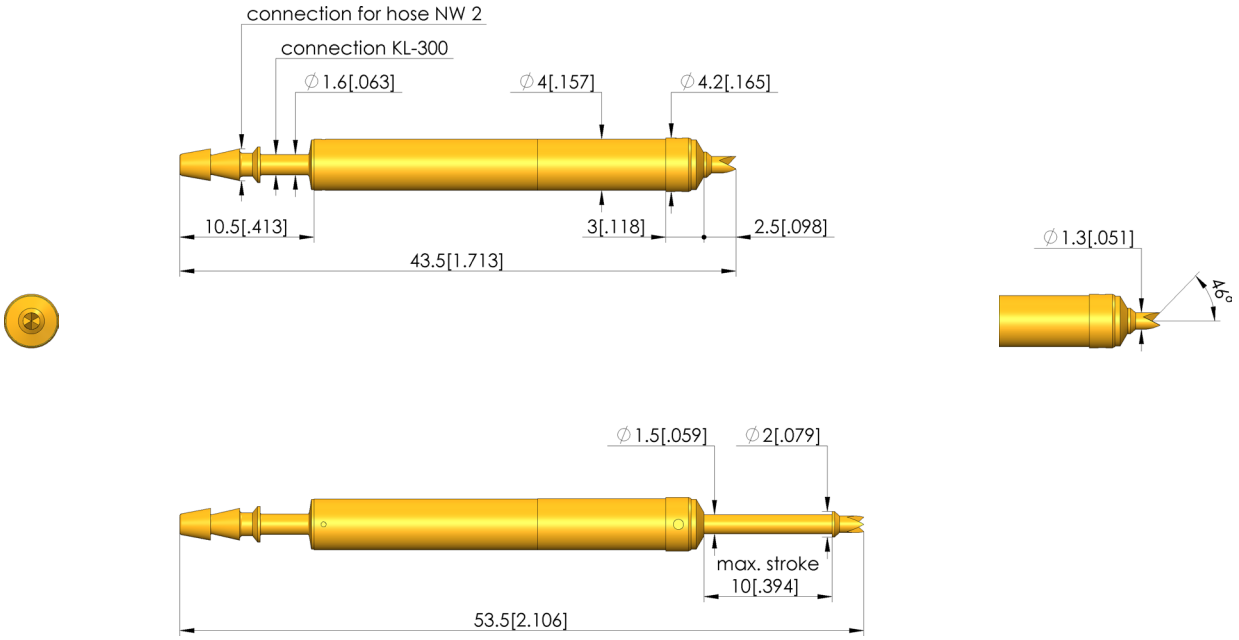
Item PKS-420-0017

GO TO PRODUCT

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- Universal pneumatic probes for a wide range of applications, e.g., for contacting test pads, activation of switches, contacting of difficult-to-access test points, or creation of interfaces.
- When using PKS probes, a separate actuating mechanism may not be necessary
- PKS are retracted in the home position. When pressure is applied, the plunger extends
- The electrical connection is ensured by installation using a receptacle



# Pneumatic test probe

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Item PKS-420-0017

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### General data

| | |
|---|---|
| Product group: | Pneumatic test probe |
| Sub-product group: | PKS (pressed in) |
| Series: | PKS-420 2 NW2 |
| Grid: | 4.5 mm [177 mil] |
| Contacting from: | Pad, pin |
| Magnetic: | Yes |
| Installation type: | Plug-in |
| Quick-exchange system: | No |
| Type of test probe connection: | Clip |
| PKS operating pressure: | 6 bar [87.0 psi] |
| Adjustable installation height: | No |
| Non-rotating: | No |
| Compatible connector(s): | KL-300 |
| Compatible receptacle(s): | KS-420 |
| Min. temperature: | + 0 °C [+ 32 °F] |
| Max. temperature: | + 80 °C [+ 176 °F] |
| RoHS-compliant: | RoHS-3;6a;6c |

### Electrical data

| | |
|---|---|
| Current load capacity / rated current: | 2 A |
| Typical resistance (Ri): | <30 mOhm |

### Mechanical data

| | |
|---|---|
| Total length: | 43.5 mm [1.71 in] |
| Barrel diameter: | 4 mm [.157 in] |
| Maximum stroke: | 10 mm [.393 in] |
| Spring pre-load: | 1 N [3.59 ozf] |
| Collar height: | 02 |
| Spring force at working stroke: | 4.2 N [15.1 ozf] |
| Recommended working stroke: | 6 mm [.236 in] |

### Tip style data

| | |
|---|---|
| Tip style: | 33 3-point crown, self-cleaning |
| Tip diameter: | 1.3 mm [.051 in] |
| Tip style surface: | A gold |
| Tip style material: | 2 steel |

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Learn more about
**Test probes**

Prices and delivery times on request.
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