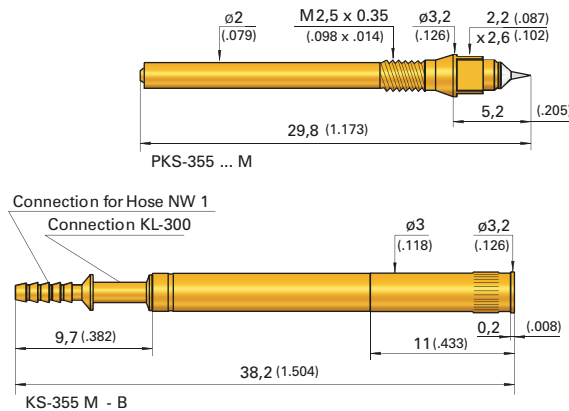
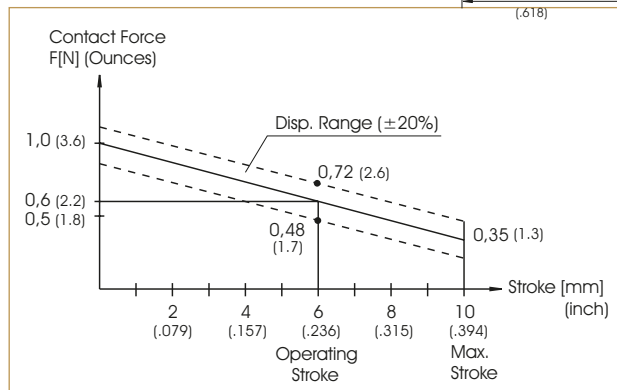
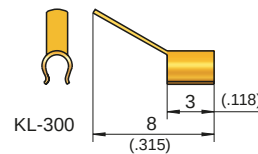
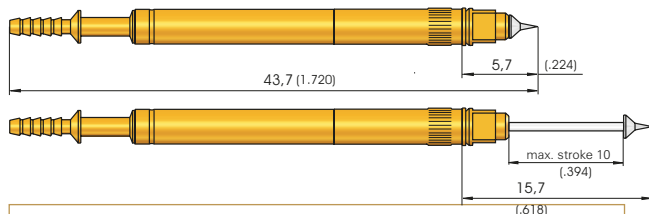


**Grid:**  
 ≥ 3,5 mm  
 ≥ 140 Mil  
**Installation height with KS:** 5,7 mm (.224)  
**Recommended stroke:** 6,0 mm (.236)

### Mounting and functional dimensions



### Assembly PKS-355 M with quick-exchange system KS-355 M-B



#### Mechanical data

**Working stroke:** 6,0 mm (.236)  
**Maximum stroke:** 10,0 mm (.394)  
**Cont. force at work.stroke:** 0,6 N (2.2oz)  
**Operating medium:** Compressed air (filtered, oil-free)  
**Operating pressure:** 6 bar (86 psi)

#### Materials

**Plunger:** Steel, rhodium- or gold-plated  
**Barrel:** Brass, gold-plated  
**Restoring spring:** Steel, gold-plated  
**Receptacle:** Brass, gold-plated  
**O-rings:** Perbunan

#### Electrical data

**Current rating:** 1 - 2 A  
 **$R_i$  typical:** < 30 m $\Omega$

#### Mounting hole size for Receptacle

**in CEM1:**  $\varnothing 3,15 - 3,17$  mm (.1240-.1248)  
**in FR4:**  $\varnothing 3,17 - 3,18$  mm (.1248-.1252)

#### Operating temperature

**Standard:** 0° up to +80 °C

### Available tip styles

| Material | Tip style | Plating | Further versions          |                      |
|----------|-----------|---------|---------------------------|----------------------|
|          |           |         | $\varnothing$             | $\varnothing$ (inch) |
| 2 01 *** |           | R       | $\varnothing 1,50$ (.059) |                      |
| 2 04 **  |           | R       | $\varnothing 1,30$ (.051) |                      |
| 2 06 **  |           | A       | $\varnothing 1,00$ (.039) |                      |
| 2 33 **  |           | A       | $\varnothing 1,30$ (.051) |                      |
| 2 91 *   |           | A       | $\varnothing 1,00$ (.039) |                      |

collar diameter:

\* = 1,20 mm (.047)

\*\*\* = 1,50 mm (.059)

\*\* = 1,30 mm (.051)

\*\*\*\* = 1,80 mm (.071)

#### Note:

Electrical and pneumatic connections are performed at the time of customizing only. The exchangeable unit PKS-355 M is screwed into the pre-wired, pneumatically connected KS-355 M-B receptacle. The test probe can be changed from above. The test fixture must not be opened. The wiring and pneumatic connections are not affected.

#### Note:

Pneumatic accessories and general instructions shown on page 174.

Recommended screw-in torque:  
 Min.: 10 cNm / Max.: 20 cNm

### Ordering example

|                                                  | Series | Tip material | Tip style | Tip diameter (1/100 mm) | Plating<br>A = Gold<br>R = Rhodium | Spring force (dN) | Collar height (mm) | Type    |
|--------------------------------------------------|--------|--------------|-----------|-------------------------|------------------------------------|-------------------|--------------------|---------|
| Test probe:                                      | PKS    | 2 = Steel    | 01        | 150                     | R                                  | 06                | 02                 | M       |
| Receptacle:                                      | KS     |              |           |                         |                                    |                   |                    | 355 M-B |
| Clip connection with solder terminal for KS-355: | KL     |              |           |                         |                                    |                   |                    | 300     |