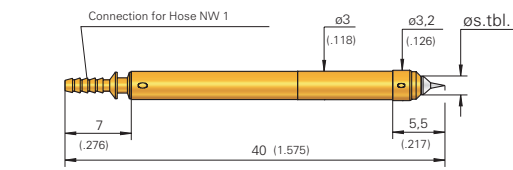


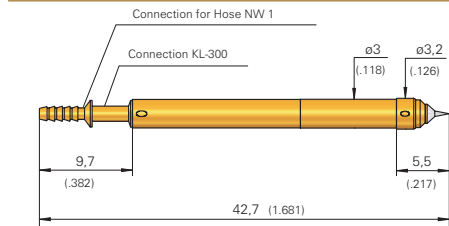
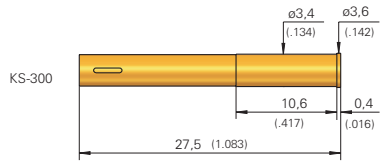
Grid:  
 ≥ 3,50 mm  
 ≥ 140 Mil

Installation height with KS: 5,9 mm (.232)  
 Recommended stroke: 6,0 mm (.236)

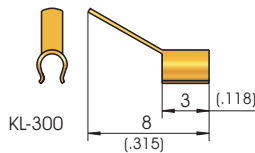
## Mounting and functional dimensions



PKS-300 Type A



PKS-300 Type B



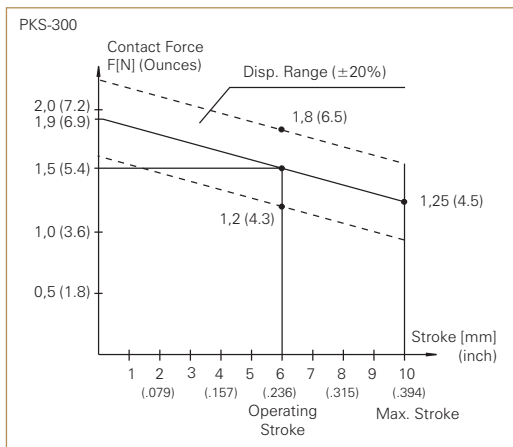
KL-300

## Available tip styles

Material	Tip style	Plating	Further versions	
			∅	∅ (inch)
2	01	R		
2	04**	R	2,00 (.079)	
2	05	R	1,30 (.051)	
2	06**	A	2,50 (.098) 3,50 (.138)	
2	15*	A		
2	33**	A		
2	91**	A		

\* pressed-in HM-tip, installation height 6,5 mm (.256)

\*\* Collar diameter: 2,0 mm (.079)



### Mechanical data

**Working stroke:** 6,0 mm (.236)  
**Maximum stroke:** 10,0 mm (.394)  
**Contact force at work.stroke:** 1,1 N (4.0oz) or 1,5 N (5.4oz)  
**Operating medium:** Compressed air (filtered, oil-free)  
**Operating pressure:** 6 bar (86 psi)

### Electrical data

**Current rating:** 2 - 3 A  
 10 A (Type "AH" oder "BH", see Note below)  
**R<sub>i</sub> typisch:** < 30 mΩ

### Operating temperature

**Standard:** 0° up to +80 °C

### Materials

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

### Mounting hole size

**with receptacle:** ∅ 3,38 - 3,39 mm (.1331 - .1335)  
**without receptacle:** ∅ 3,00 mm (.1181)

### Warning:

Do not solder the cable to the crimp points of the receptacle.

### Note:

For high current applications up to 10 A, order with special designation "AH" (terminal "A") resp. "BH" (terminal "B").

### Note:

The receptacle can be used from grid size 4,00 mm (160 Mil) upwards.

### Note:

Pneumatic accessories and general instructions shown on page 174.

### \*\*\* Note:

Tip 15, 01, 91 F = 1,1 N (4.0oz)  
 Tip 04, 05, 06, 33 F = 1,5 N (5.4oz)

## Ordering example

Series	Tip material	Tip style	Tip diameter (1/100 mm)	Plating	Spring force (dN)	Collar height (mm)	Type (alternative "A", "AH", "B", "BH")
PKS	2 = Steel	300	201	A = Gold R = Rhodium	11	02	A

Test probe:

PKS 300 2 01 200 R 11 02 A

Test probe for use up to 10 A:

PKS 300 2 06 130 A 15 02 AH

Receptacle:

KS - 300

Clip connection with solder terminal for series 300:

KL - 300

All specifications are subject to change without prior notification