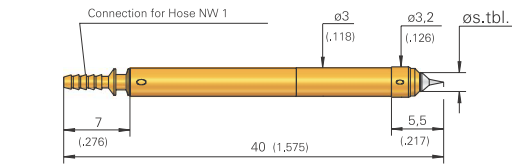


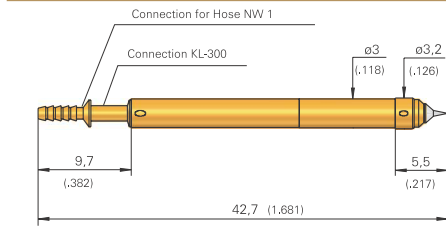
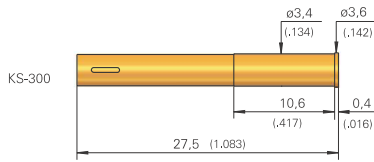
Grid:
 ≥ 3,50 mm
 ≥ 140 Mil

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

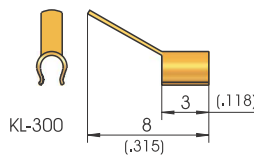
Mounting and functional dimensions



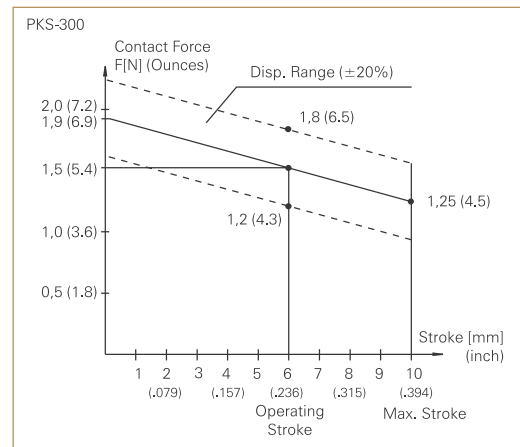
PKS-300 Type A



PKS-300 Type B



KL-300



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_i 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: ø 3,38 - 3,39 mm (.1331 - .1335)
without receptacle: ø 3,00 mm (.1181)

Available tip styles

Material	Tip style	Plating	Further versions	
			ø	ø (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)

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