

Pneumatic Test Probe

Installation Height: 5,5 mm (.217)

Recommended Stroke: 6,0 mm (.236)

Grid:

≅ 3,50 mm

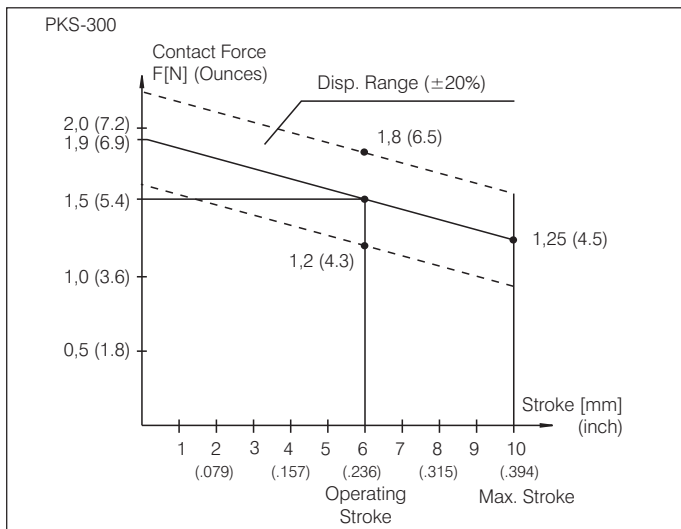
≅ 140 Mil

PKS 300

Available Tip Styles				
Material	Tip Style	Standard Plating	Special Versions	
			Ø	Øinch
2	01 **	R	Ø 2,00 (.079)	
2	04 **	R	Ø 1,30 (.051)	2,00 (.079)
2	05	R	Ø 2,50 (.098)	1,30 ** (.051)
2	06 **	A	Ø 1,30 (.051)	2,50 (.098) 3,50 (.138)
2	15* **	A	Ø 2,00 (.079)	
2	33 **	A	Ø 1,30 (.051)	
2	91 **	A	Ø 1,30 (.051)	

* pressed-in HM-Tip, Installation Height 6,5 mm (.256)

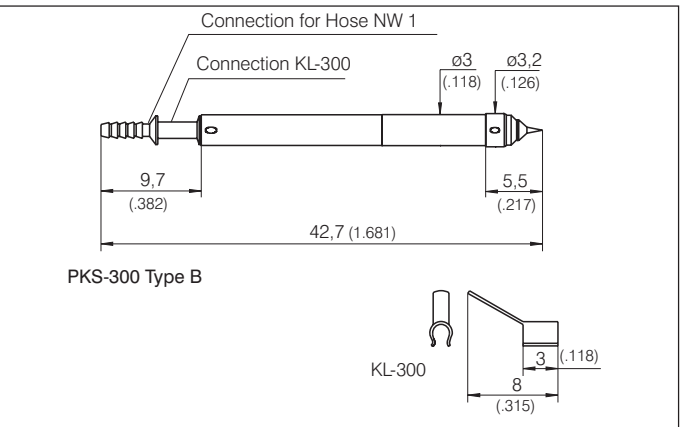
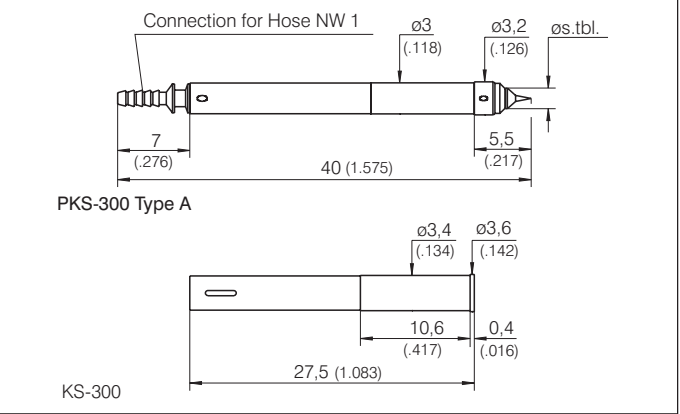
** Collar Diameter: 2,0 mm (.079)



Note:

For High-Current Applications up to 10 A, order with Special Designation "AH" (Terminal "A") resp. "BH" (Terminal "B"). The Receptacles can be used from Grid 4,0 mm (160 Mil) up. Pneumatic-Accessories and general Instructions > see Page 66/67.

Mounting and Functional Dimensions



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 (up to 10 A see Note below)
 R_i typical: 30 mΩ

Mounting Hole Size

with Receptacle: Ø 3,38 - 3,39 mm (.1331 - .1335)
 without Receptacle: Ø 3,00 mm (.1181)

Materials

Plunger: Steel, rhodium- or gold-plated
 Barrel: Brass, gold-plated
 Restoring Spring: Steel, gold-plated
 Receptacle: Brass, gold-plated
 O-Rings: Perbunan

***** Note:**

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

Warning: do not solder the cable to the crimp points of the Receptacle.

Ordering Example:

Series	Tip Material	Tip Style	Tip Diameter (1/100 mm)	Plating	Spring Force (dN)	Collar Height (mm)	Type (alternative B)
	2 = Steel			A = Gold R = Rhodium			

Test Probe:

PKS 300 2 0 1 2 0 0 R 1 1 0 2 A

Test Probe for usage up to 10 A:

PKS 300 2 0 6 1 3 0 R 1 5 0 2 AH

Receptacle for series 300:

KS - 300

Clip Connection with Solder Terminal for series 300:

KL - 300

All specifications are subject to change without prior notification