

PKS 200

Pneumatic Test Probe

Grid:

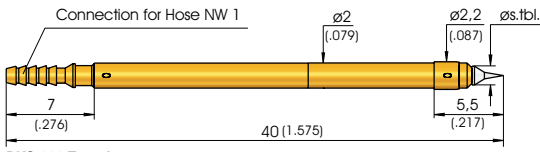
≥ 2,54 mm

≥ 100 Mil

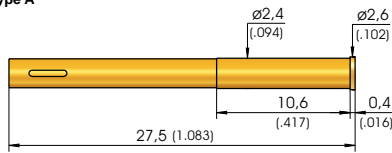
Installation Height: 5,5 mm (.217)

Recommended Stroke: 6,0 mm (.236)

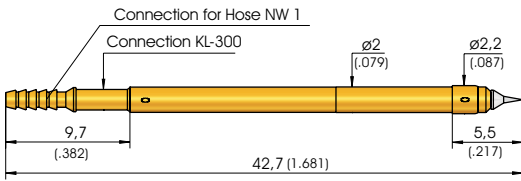
Mounting and Functional Dimensions



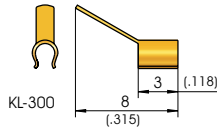
PKS-200 Type A



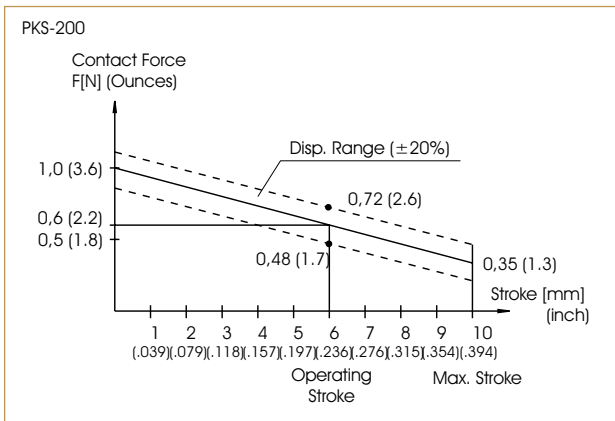
KS-200



PKS-200 Type B



KL-300



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)

Electrical Data

Current Data: 1 - 2 A
R_i typical: < 30 mΩ

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 2,38 - 2,39 mm (.0937 - .0941)
without Receptacle: ø 2,00 mm (.0787)

Available Tip Styles

Material	Tip Style	Plating	Further Versions	
			ø	ø (inch)
2 01 ***		R	ø 1,50 (.059)	
2 04 **		R	ø 1,30 (.051)	
2 06 **		A	ø 1,00 (.039)	
2 33 **		A	ø 1,30 (.051)	
2 91 *		A	ø 1,00 (.039)	

Collar Diameter:

* = 1,20 mm (.047)

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

** = 1,30 mm (.051)

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

Warning:

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

Note:

The assembly in Grid 2,54 mm (100 Mil) is only possible up to a double row, and then only without use of Receptacles and KL-300. Then pre-wired PKS-200 ... V (with flexible Wire AWG 34, Length 500 mm (20.000")) must be used.

Note:

The Receptacles and KL-300 can be used from Grid 3,00 mm (120 Mil) up.

Note:

Pneumatic Accessories and general Instructions see Page 94/95.

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 B or V)
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Test Probe:

PKS 200 2 01 150 R 06 02 A

Receptacle for PKS-200:

KS - 200

Clip Connection with Solder Terminal for Series 200:

KL - 300