

PKS 200

Pneumatic Test Probes

Grid:

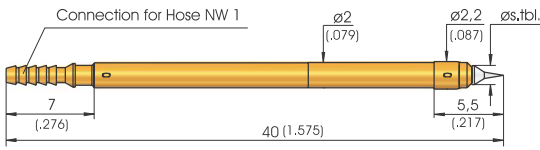
≥ 2,54 mm

≥ 100 Mil

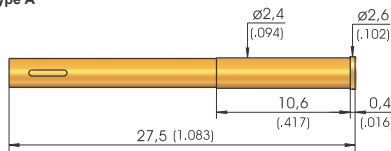
Installation height with KS: 5,9 mm (.232)

Recommended stroke: 6,0 mm (.236)

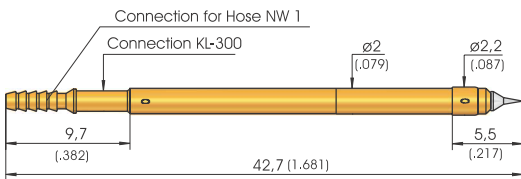
Mounting and functional dimensions



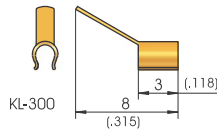
PKS-200 Type A



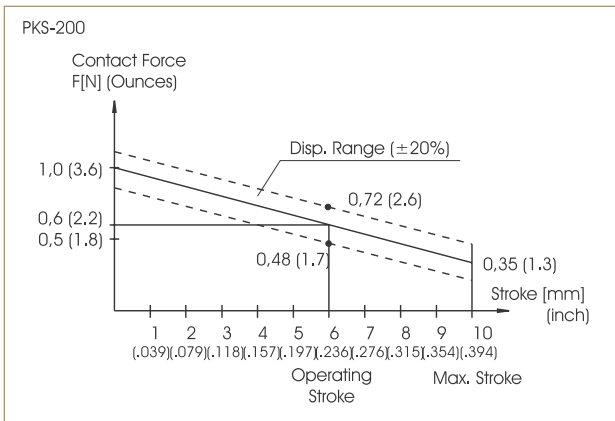
KS-200



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

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 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 size 2,54 mm (100 Mil) is only possible up to a double row, and then only without use of receptacles and KL-300. Then prewired PKS-200 ... V (with flexible wire AWG 34, length 500 mm (20.000")) must be used. Minimal recommended bending radius: 10 mm (.394).

Note:

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

Note:

Pneumatic accessories and general instructions shown on page 174.

Ordering example

Series	Tip material	Tip style	Tip diameter (1/100 mm)	Plating	Spring force (dN)	Collar height (mm)	Type (alternative B or V)
PKS	2 = Steel	01	150	R = Rhodium	06	02	A

Test probe:

PKS 200 2 01 150 R 06 02 A

Receptacle:

KS - 200

Clip connection with solder terminal for series 200:

KL - 300