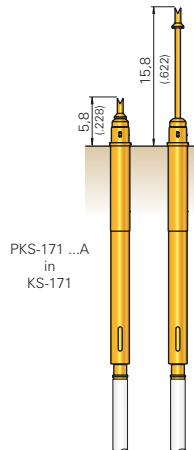
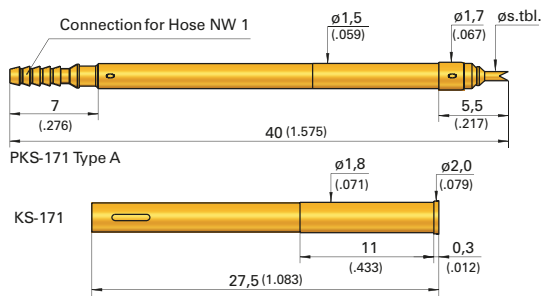


Grid:
 $\geq 1,91 \text{ mm}$
 $\geq 75 \text{ Mil}$

Installation height with KS: 5,8 mm (.228)
Recommended stroke: 6,0 mm (.236)

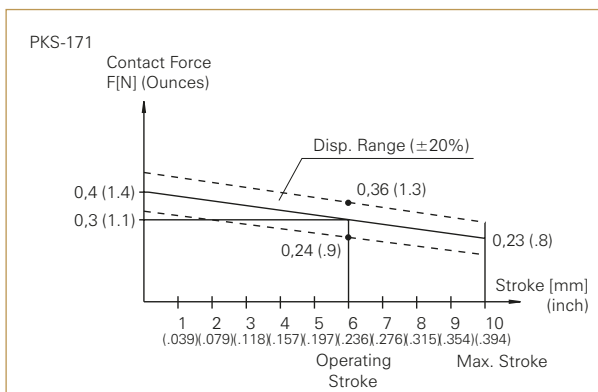
Mounting and functional dimensions



Available tip styles

Material	Tip style	Plating	Further versions	
			Ø	Ø (inch)
2 04*		A	Ø 1,00 (.039)	
2 14*		A	Ø 0,50 (.020)	
3 19		A	Ø 1,50 (.059)	
2 91*		A	Ø 1,00 (.039)	

* Diameter of collar: 1,3 mm (.051)



Mechanical data

Switch. path/work. stroke: 6,0 mm (.236)
Maximum stroke: 10,0 mm (.394)
Cont. force at work.stroke: 0,3 N (1.1oz)
Operating medium: Compressed air (filtered, oil-free)
Operating pressure: 6 bar (86 psi)

Electrical data

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

Operating temperature

Standard: 0° up to +80 °C

Materials

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

Mounting hole size

with receptacle KS-171:
 $\varnothing 1,79 - 1,80 \text{ mm} (.0705 - .0709)$
without receptacle: $\varnothing 1,49 \text{ mm} (.0587)$

Warning:

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

Note:

The assembly in grid size 1,91 mm (75 Mil) is only possible up to a double row, and then only without use of receptacles.

Note:

The receptacles can be used from grid size 2,54 mm (100 Mil) upwards.

Ordering example

	Series	Tip material 2 = Steel 3 = BeCu	Tip style	Tip diameter (1/100 mm)	Plating A = Gold	Spring force (dN)	Collar height (mm)	Type "A"
Test probe:	PKS	1	7	1	2	0	4	1
Receptacle:	KS	1	7	1				