

# PKS 388 M

Screw-in Pneumatic Test Probes

## Grid:

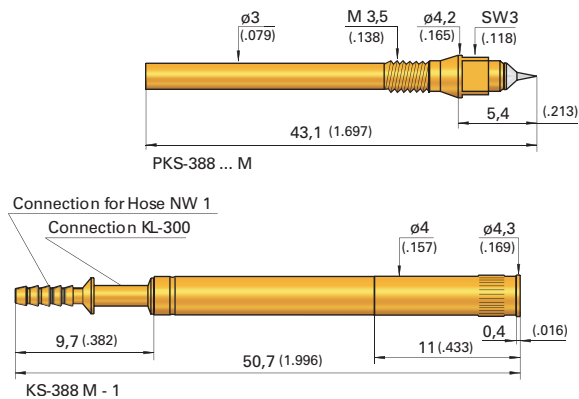
≥ 5,08 mm

≥ 200 Mil

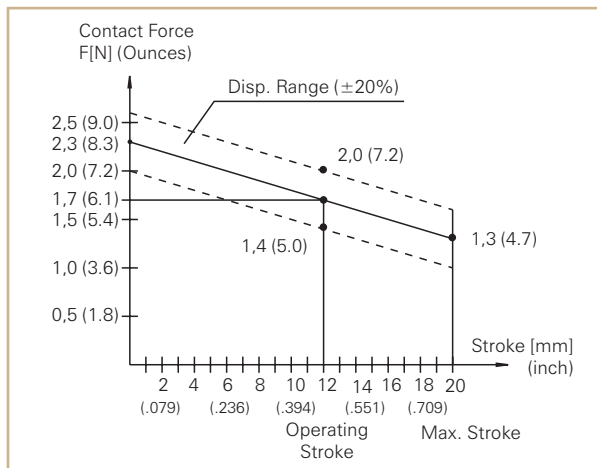
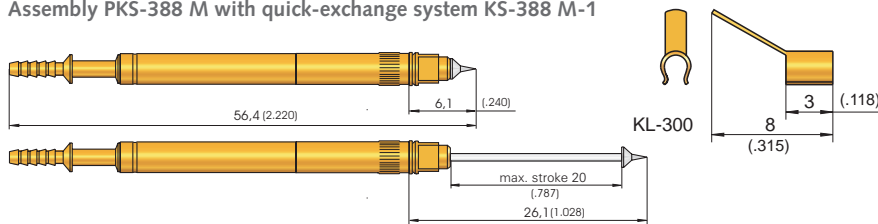
Installation height with KS: 6,1 mm (.240)

Recommended stroke: 12,0 mm (.472)

## Mounting and functional dimensions



## Assembly PKS-388 M with quick-exchange system KS-388 M-1



### Mechanical data

**Working stroke:** 12,0 mm (.472)  
**Maximum stroke:** 20,0 mm (.787)  
**Cont. force at work. stroke:** 1,7 N (6.1oz)  
**Operating medium:** Compressed air (filtered, oil-free)  
**Operating pressure:** 6 bar (86 psi)

### Materials

**Plunger:** Steel or BeCu, rhodium- or gold-plated  
**Barrel:** Brass, gold-plated  
**Restoring spring:** Steel, gold-plated  
**Receptacle:** Brass, gold-plated  
**O-rings:** Perbunan

### Electrical data

**Current rating:** 2 - 3 A  
 10 A (Type "MH", see note)  
**R<sub>i</sub> typical:** < 30 mΩ

### Mounting hole size

**in CEM1 and FR4:** ∅ 4,00 - 4,02 mm (.1575 - .1583)

### Operating temperature

**Standard:** 0° up to +80 °C

## Available tip styles

Material	Tip style	Plating	Further versions	
			∅	∅ (inch)
2	01**	R	∅ 2,00 (.079)	
3	02	A	∅ 2,50 (.098)	
2	04**	R	∅ 1,30 (.051)	2,00 (.079)
2	15**	A	∅ 2,00 (.079)	

\* pressed-in HM-tip, installation height with KS: 7,1 mm (.280)  
 \*\* collar diameter: 2,0 mm (.0799)

## Available tip styles

special versions without collar

Material	Tip style	Plating	Further versions	
			∅	∅ (inch)
2	01***	R	∅ 1,50 (.059)	
2	04***	R	∅ 1,50 (.059)	
3	05***	A	∅ 1,30 (.051)	

\*\*\* Shaft diameter 1,50 mm (.059)

### Note:

For high current applications up to 10 A order with special designation "MH".

### Note:

Electrical and pneumatic connections are performed at the time of customising only. The exchangeable unit PKS-355 M is screwed into the pre-wired, pneumatically connected KS-355 M-B receptacle. The test probe can be changed from above. The test fixture must not be opened. The wiring and pneumatic connections are not affected.

Pneumatic accessories and general instructions shown on page 174.

### Note - PKS-388 M and KS-388 M-1:

PKS-388 M are screwed into KS-388 M-1 using specialised tools (shown on page 196).

Recommended screw-in torque: Min.: 10 cNm / Max.: 20 cNm

## Ordering example

Series	Tip material	Tip style	Tip diameter (1/100 mm)	Plating	Spring force (dN)	Collar height (mm)	Type (alternative "MH")
	2 = Steel 3 = BeCu			A = Gold R = Rhodium			

Test probe:

PKS 388 2 01 2 00 R 17 02 M

Receptacle:

KS - 388 M - 1

Clip connection with solder terminal:

KL - 300