

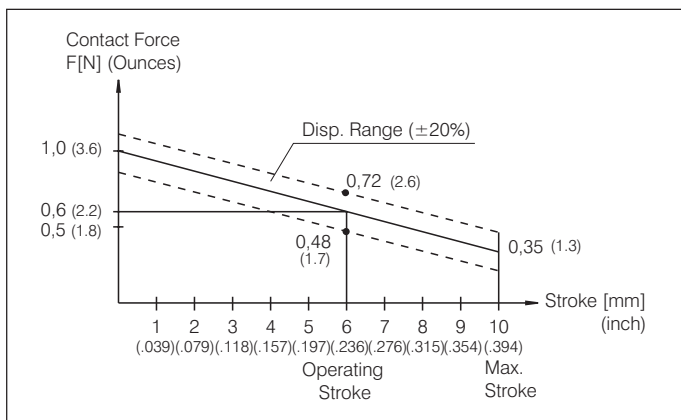
**Screw-in Pneumatic Switching Probe (opener)**  
**Installation Height:** 5,5 mm (.217)  
**Switching Path:** 6,0 mm (.236)

**Grid:**  
 $\approx 3,5 \text{ mm}$   
 $\approx 140 \text{ Mil}$

# PSK 350 M

Available Tip Styles				Special Versions	
Material	Tip Style	Standard Plating	Tip Diameter	Special Versions	
				Ø	Øinch
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)		

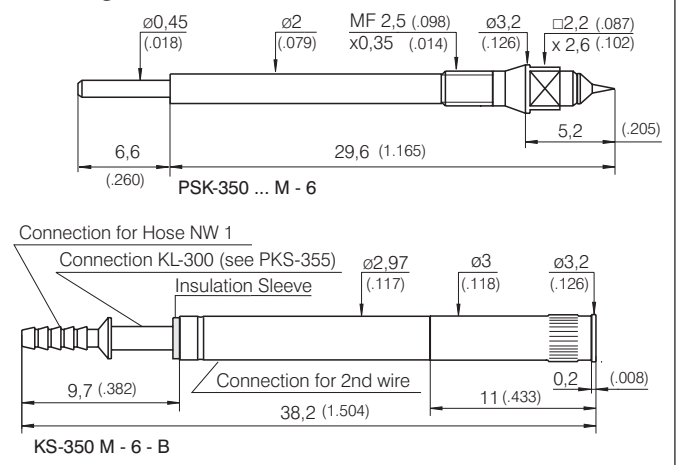
Collar Diameter : \*=1,20 mm (.047), \*\*=1,30 mm (.051),  
 \*\*\*=1,50 mm (.059), \*\*\*\*=1,80 mm (.071)



**Note:**

Electrical and pneumatic connections are carried out only once at the time of customizing. The exchangeable unit PSK-355 M is screwed into the ready wired and pneumatically connected up Receptacle KS-355 M-B. 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 > see Seite 66/67.

**Mounting and Functional Dimensions**



**Mechanical Data**

Switching Path / Work. Stroke: 6,0 mm (.236)  
 Maximum Stroke: 10,0 mm (.394)  
 Contact 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 Rating: 1-2 A  
 R<sub>i</sub> typical: < 30 mΩ

**Mounting Hole Size for Receptacle**

in CEM 1: Ø 3,15 - 3,17 mm (.1240 - .1248)  
 in FR 4: Ø 3,17 - 3,18 mm (.1248 - .1252)

**Materials**

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

**Note to PSK - 350 and KS - 350 M - 6 - B**

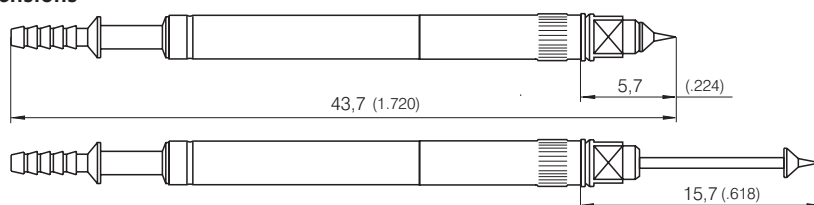
PSK-350 are screwed into KS-350 using special tools > see page 103.  
 Recommended Screw-in Torque: Maximum 20 Ncm

**Functionality:**

The pneumatic Switching Probe PSK 350 is designed as an "opener". In the home position there is an electric contact between the Pneumatic Probe and the Terminal of the Receptacle. After 6 mm (.236) Stroke this connection is interrupted.

**Mounting and Functional Dimensions**

PSK-350 M in  
 KS-350 M-6-B



**Ordering Example:**

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

Test Probe:

PSK 350 2 04 130 R 06 02 M - 6

Receptacle with Solder Terminal for PSK-350...M-6:

KS - 350 M - 6 - B

Clip Connection with Solder Terminal for Serie 350:

KL - 300

All specifications are subject to change without prior notification