

# P1-5A

## P1-5A Touch Trigger Probe



The P1-5A is a 5-axis touch trigger probe for most CMM applications. Its small size combined with its rugged construction allow for a variety of probing applications on most any manual or DCC Coordinate Measuring Machine. The P1-5A can be used in any probe body equipped with an M8 threaded probe receptacle.



### Specifications

**Axes:** 5-axis:  $\pm X$ ,  $\pm Y$ ,  $+Z$   
**Repeatability:** 0.5 $\mu$ m  
**Stylus Force:** 9 grams  
**Over Travel:** XY  $\pm 15^\circ$   
 Z +5.0mm

**Body Mount:** M8 Thread  
**Stylus Mount:** M2 Thread  
**Output:** RTTP Compatible

OD: 20mm, Length: 22mm  
 (Stylus shown not included)

**P/N 54-770-770: R\$ 6.900,00**

# P1-5BS

## P1-5BS Touch Trigger Probe with Body & Shank



Exhibiting the same features as the P1-5A, including small size and rugged construction. The P1-5BS is an integrated probe body and shank which makes it a low cost unit, ready for use on most Coordinate Measuring Machines.



### Specifications

**Axes:** 5-axis:  $\pm X$ ,  $\pm Y$ ,  $+Z$   
**Repeatability:** 0.5 $\mu$ m  
**Stylus Force:** 9 grams  
**Over Travel:** XY  $\pm 15^\circ$   
 Z +5.0mm

**Shank:** 3/8", 14mm, 20mm, Special  
**Stylus:** M2 Threaded  
**Probe Status:** 3 Green LED  
**Output:** RTTP Compatible  
**Connector:** 5 Pin DIN

OD: 20mm  
 Length: 42mm  
 (Stylus shown not included)

**P/N 54-770-720 20mm Shank R\$ 6.800,00**  
**P/N 54-770-714 14mm Shank R\$ 6.800,00**  
**P/N 54-770-738 3/8" Shank R\$ 6.800,00**

## PB-1 Three LED Probe Body with Swivel Shank



Providing a sturdy mount for our P1-51 or any M8 touch trigger probe. It features 3 LED's spaced 120° apart which allow trigger hits to be easily assessed from any angle. The shank can be swiveled 180° to allow for easy positioning. The PB1 will also accept any length M8 threaded probe extensions

### Specifications

<b>Probe Status:</b>	3 LEDS - 120° spacing
<b>Probe Mount:</b>	Internal M8 for TTP
<b>Swivel Shank:</b>	3/8", 14mm, Special
<b>Output:</b>	RTTP Compatible
<b>Connector:</b>	5-Pin DIN

P/N 54-770-014

PB-1 Body 14mm Shank

R\$ 2.800,00

P/N 54-770-038

PB-1 Body 3/8" Shank

R\$ 2.800,00

## PB-MIL Indexable Probe Body



The PB-MI is a manually indexable probe body that allows 168 positions and eliminates the need to requalify the probe styli. It can be used with our P1-5A touch trigger probe, or any M8 threaded touch trigger probe. Colored increments and a magnifying window clearly indicate current probe position.

### Specifications

<b>Z—Axis:</b>	0—90° in 15° increments
<b>XY—Axis:</b>	360° in 15° increments
<b>Repeatability:</b>	±1.0µm @ 2 sigma
<b>Probe Status:</b>	1 Green LED
<b>Shank:</b>	3/8", 14mm, Special
<b>Probe:</b>	P1-5A or any M8 TTP
<b>Output:</b>	RTTP Compatible
<b>Connector:</b>	5-Pin DIN

P/N 54-770-700

PB-MIL 3/8" Shank

R\$ 7.800,00

P/N 54-770-701

PB-MIL 14mm Shank

R\$ 7.800,00

P/N 54-770-777

PB-MIL and P1-5A Probe

R\$10.800,00

PB-1

PB-MI