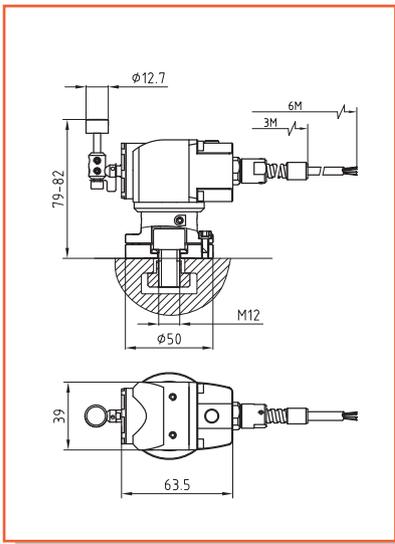


### Composition of tool setter

TTC200 cable tool setter consists of a hardware and the software. The model of the software is SP-T10; the hardware also has a mounting base.



### Technical Parameters

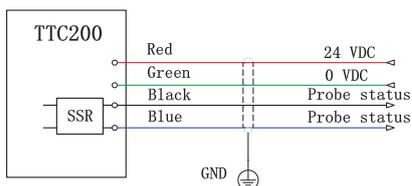
- ◆ The diameter of the touching pillar( for cutting tool touching):  $12.7 \pm 0.005$  mm; the pillar' s hardness : HM8.5 ;
- ◆ Sensing direction of the pillar:  $\pm X, \pm Y, -Z$ ;
- ◆ The pillars sensing over-travel :  $X-Y \pm 5$ mm,  $Z -8$  mm;
- ◆ The trigger repeatability of the pillar( $2\sigma$ ):  $\leq 1 \mu\text{m}$ ;
- ◆ Input voltage is  $24V \pm 10\%$ (DC) and output load current is 50 mA(max);
- ◆ Seal grade: IP68.

### Technical Characteristics

- ◆ Tool setter transmits signal through cable, reversal connecting tool setter' s power supply can reverse the state of the output signal;
- ◆ The position of tool setter pillar can be roughly and precisely adjusted by the connecting link of the pillar and the adjusting link of tool setter for mounting.
- ◆ One LED indicator light is used to display the tool setter' s working state.

### Notes for purchase

- ◆ As for the cable length, verify whether the cable length equipped is enough for installing the tool setter on your machine tool; If lengthening cable is needed, special instructions should be given when ordering the product;
- ◆ If the square pillar of tool setter is needed, customers should give special instructions when ordering the products.



### Application

- ◆ Set lengths parameter of cutting tools automatically before CNC processing;
- ◆ Detect wear and breakage of cutting tools automatically between two processes or after the CNC processing;
- ◆ Through checking cutting tool parameters to control the change of machining precision from the temperature change of the machine;