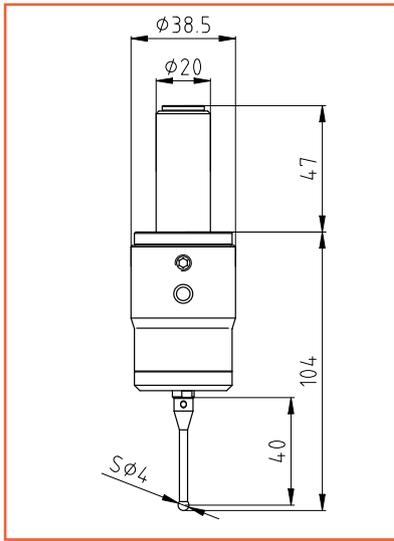


### Composition of Probe

- 1) EP40 electric conducting probe main body (with battery compartment) ;
- 2) Z20 straight shank;
- 3) Stylus(standard model: M4-S40-CB4-S28).



### Application

- ◆ Setting work-piece coordinate system and machining zero points manually before processing;
- ◆ Detect and control the key dimensions, position coordinates and their precision manually between two processes;
- ◆ Detect precision of the key dimensions, shapes, position after processing.



### Technical Parameters

- ◆ Stylus sensing direction:  $\pm X, \pm Y, +Z$ ;
- ◆ Stylus sensing over-travel :  $X-Y \pm 12^\circ, Z +5 \text{ mm}$ ;
- ◆ Unidirectional repeatability ( $2\sigma$ ) :  $\leq 1 \mu\text{m}$ ;
- ◆ Battery specification: LR1, 1.5V, 700mAh; 2 ps.;
- ◆ Seal grade: IP 67.

### Technical Characteristics

- ◆ By adjusting the connecting link between the main body of the probe and its straight shank, clamped by CNC tool holder.
- ◆ Three LED indicator lights are used to show the trigger state of the probe, and convenient for machine tool operators to observe.

### Applicable equipments

- ◆ Suitable for machining centers of various specifications, CNC boring, milling machines, drilling and tapping centers, etc.
- ◆ Applicable to the measurement of various solid materials with conductive properties

### Notes for purchase

- ◆ As for special stylus, check whether the standard stylus equipped with the EP40 probe can meet the requirements and whether it is necessary to order special stylus;
- ◆ As for the probe taper shank, verify the taper hole's standards and specifications of the machine tool spindle before ordering the probe; The uncommonly used standard and specifications of the taper shank will lead to the increase of probe price and the delay of delivery time, The taper shank provided by us for the probe isn't equipped with the pull stud.