

SMA9TC Pull force sensor

1. Characteristics:

- High precision.
- Fully sealed waterproof.
- Convenient to operate.

High precision.

Fully sealed waterproof.

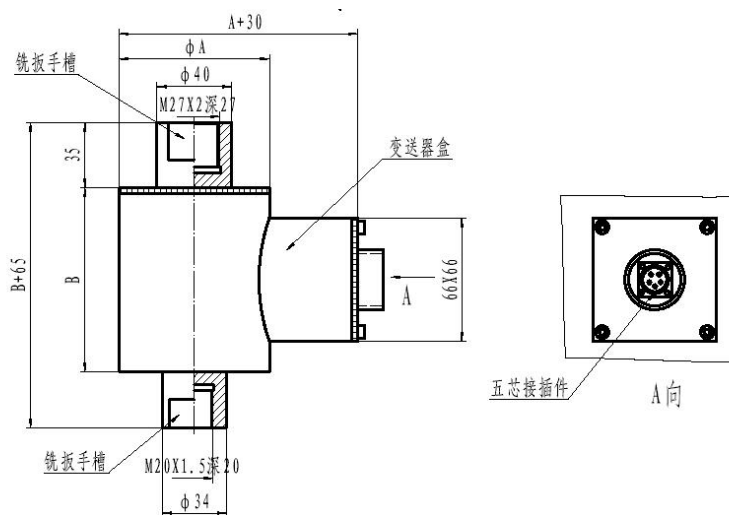
Convenient to operate.

2. Applied to:

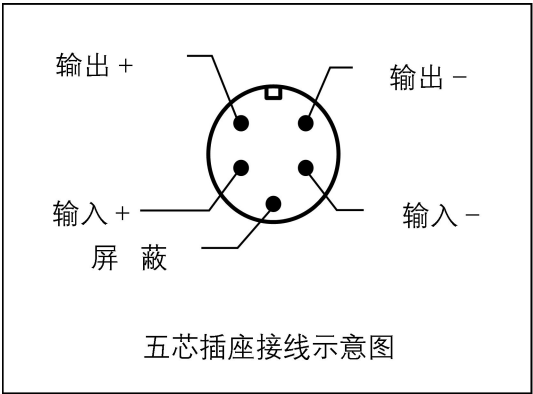
- Belt scale.
- Speed-regulating scale.
- Automatic feed machine.



Dimensions (In mm, 1mm=0.03937 inches)



	A	B
600 kg	80	98
1000 kg	80	98
2000 kg	96	118



Specification:



Type	Technical parameters
Nominal load range	100 ~ 5000kg
Power supply	15~36 VDC
Zero balance	1.0±% of rated output
Analog output	0~5V 或 4~20 mA
Insulation resistance	≥5000 MΩ (Mege-Ohms)
Class precision	0.05%FS
Effect of temperature	0.05%FS/10℃
Operating temperature	-40 ~ +85℃
Safe Load Limit	150% FS
Safety margin against yielding	300% FS
Safety margin against breakage	500% FS
Material material	High performance alloy steel or (chromium ratio>15% stainless steel)
Protection type	IP67/IP68