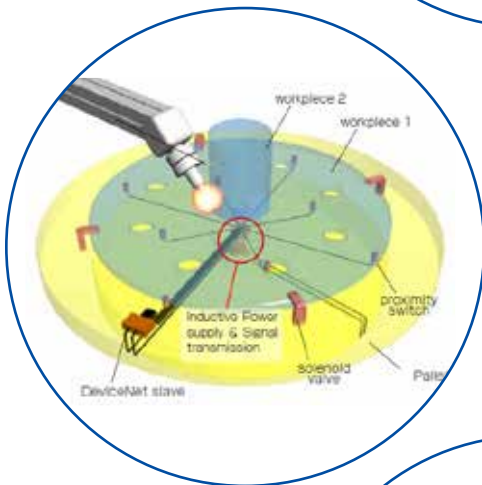
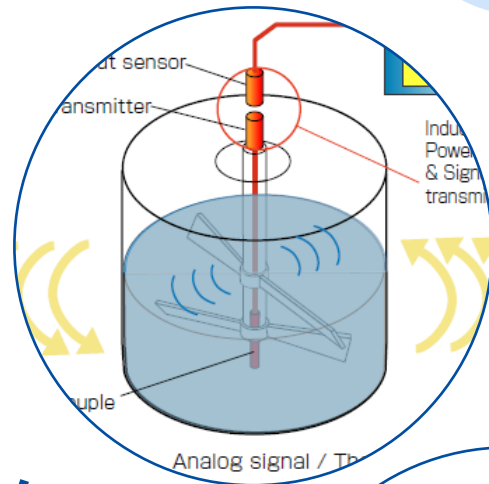
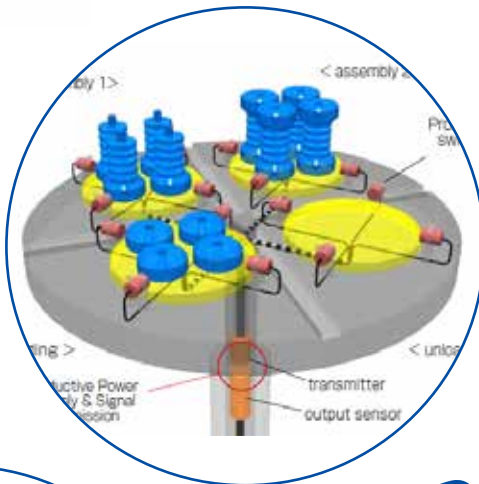
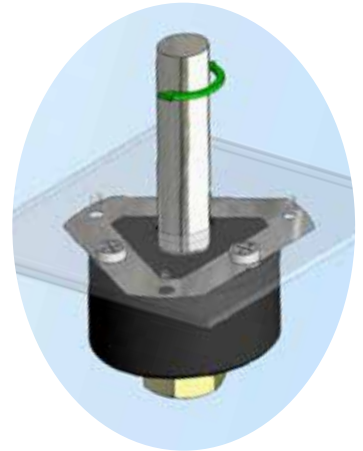
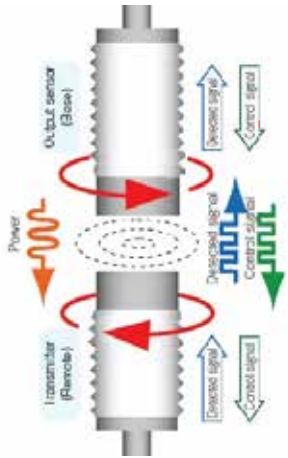
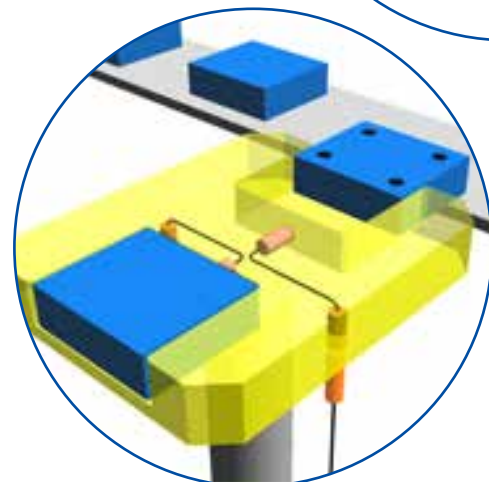
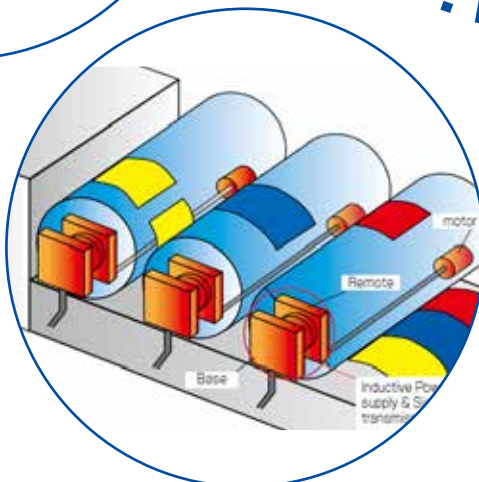
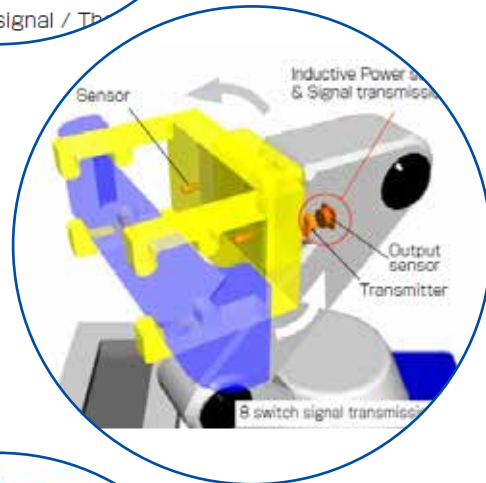


Rotation assist Sensor

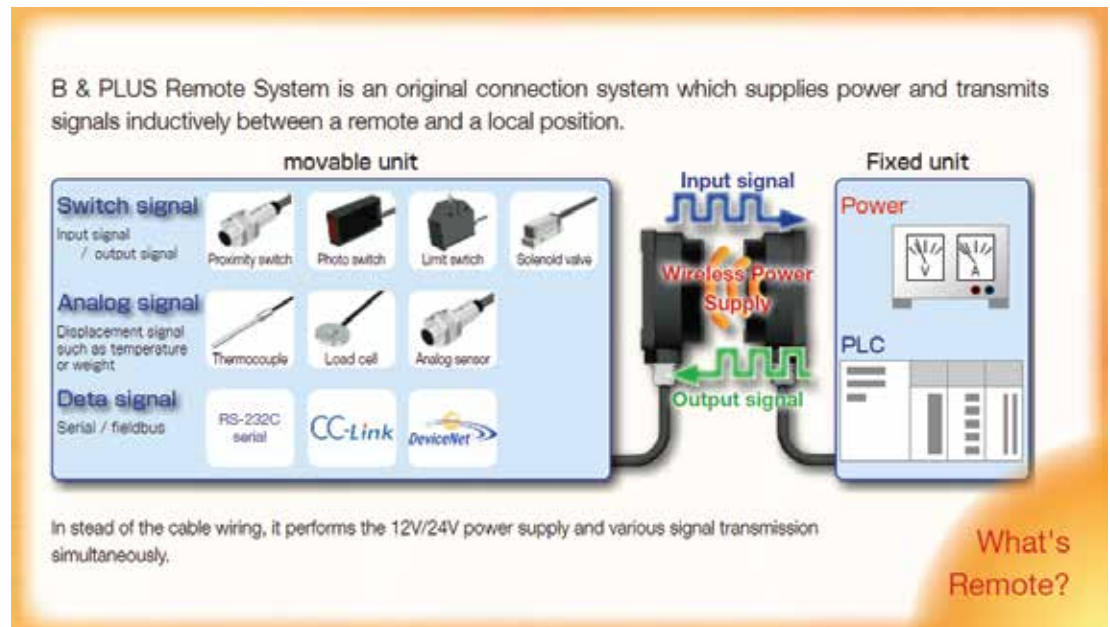
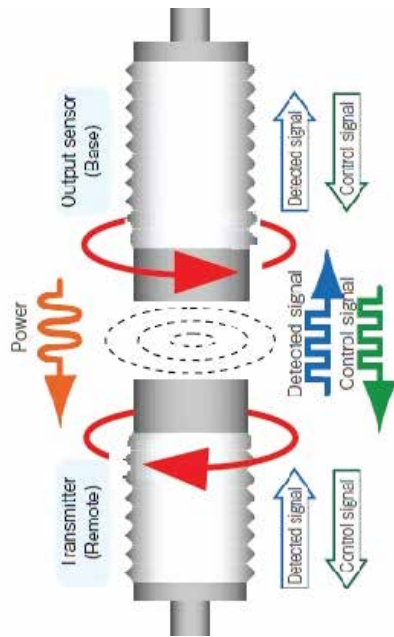
- Wireless Power supply and Wireless signal transmission
- Thin & accuracy angle sensor
- Automatic Air coupler



Rotation
Application


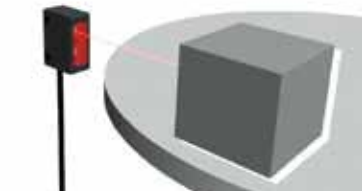




Wireless Rotation assist system (Remote System)

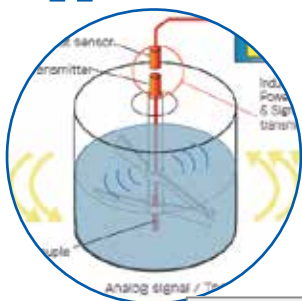


“Wireless Power Supply” and “Wireless Signal transmission” by our Remote System!!

Remote System can solve the various problems caused by the wiring of a cable / connector at the center of rotation or around the totation...

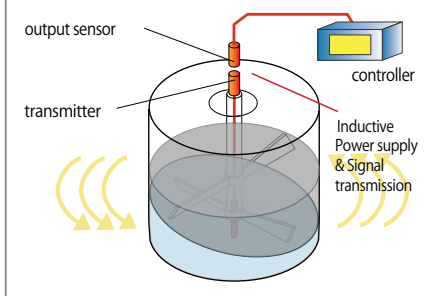
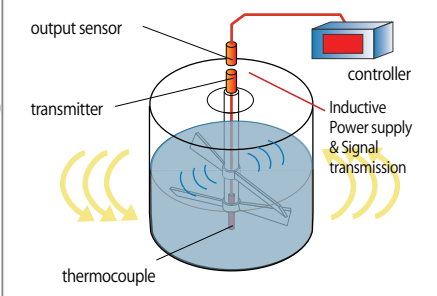
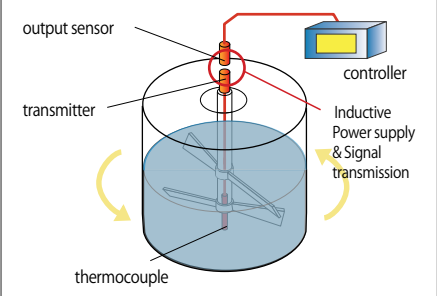
Cable trouble	False detection	Substitute of slip ring	Cost saving
			
There are no worries for cable breakage as there is no cable tangled.	Solution of miss-detecting owing to the sensor installed outside.	Possible to communicate even if there are water, oil, dirt or mine dust	reduce the maintenance cost occurred in the case of troubles

Application : Rotation Mixer

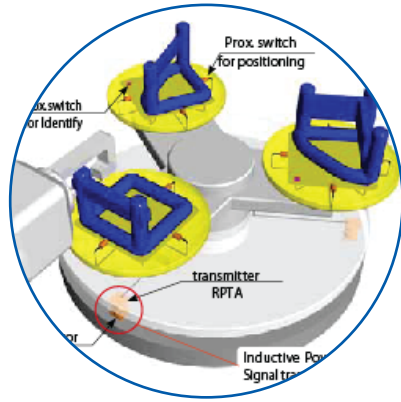


Transfersignals :
K type of J type Thermocouple
Output signals :
4 - 20mA analog output
(This wireless sensor contain the amplifier)

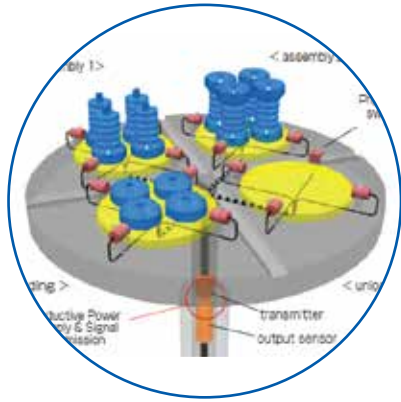


Tank filled with materials, initiating mixing	Agitation with monitoring temperature	Adjusting speed of the agitator according to temperature
		

Application : Rotation Table



Wireless System at each stopping position

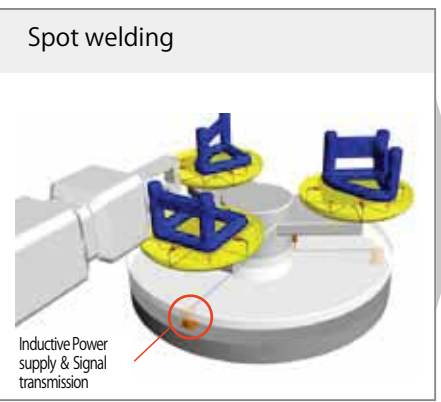
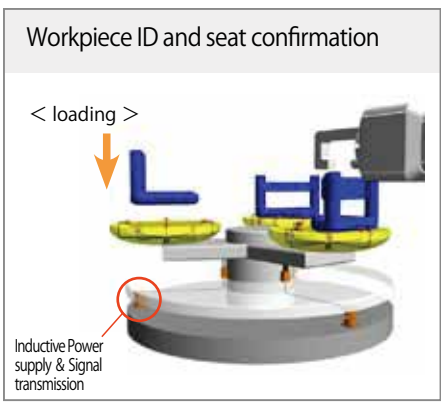


Wireless System at the Center of table

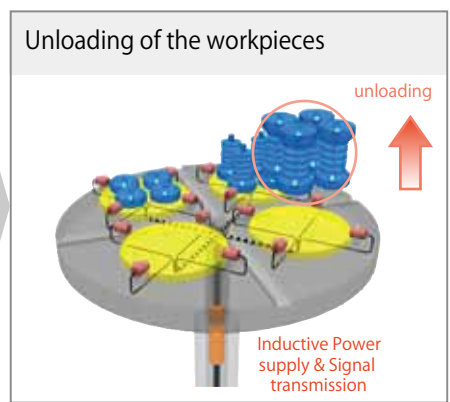
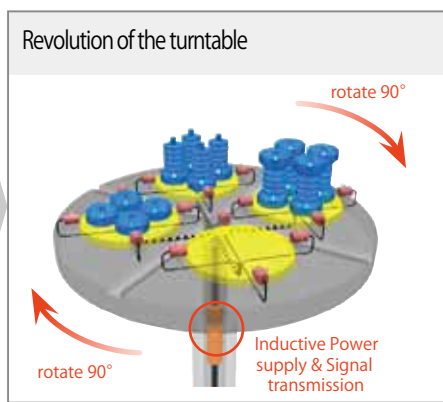
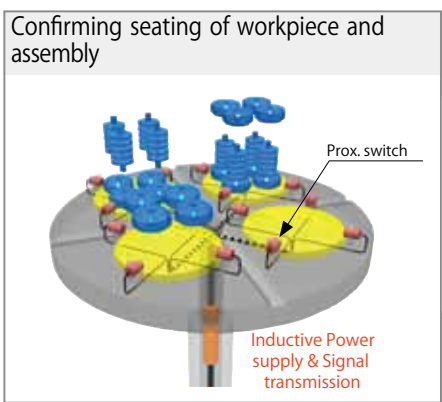


Wireless Power supply :
24VDC 550mA
Signal Transmission :
16 signal transmission

Wireless System at each stopping position



Wireless System at the Center of table



We have various figure, wireless power range and signal types (Digital, analog, data, etc)



M30



40 x 40



φ90

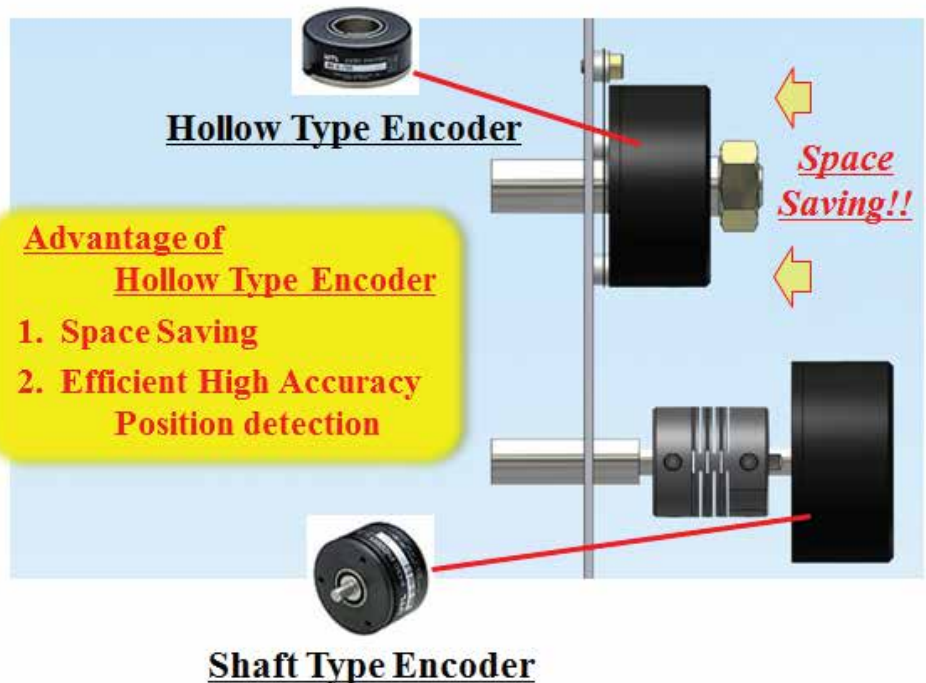
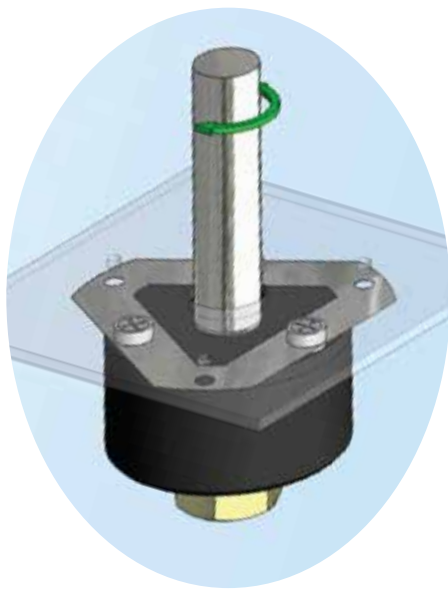


Flat



Ring

This Accuracy Angle Sensor



Hollow Shaft Encoder will save your space, and realize more accuracy rotation control!!

Hollow Shaft Encoder is fit to the center of rotation, and save your space and realize more more effective rotation machine for your application!!

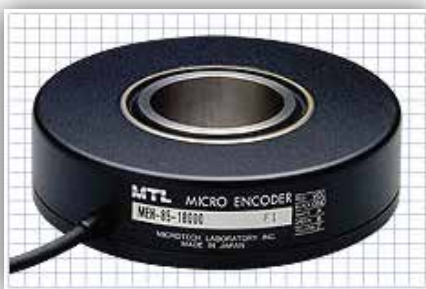
Thin & High Accuracy Type



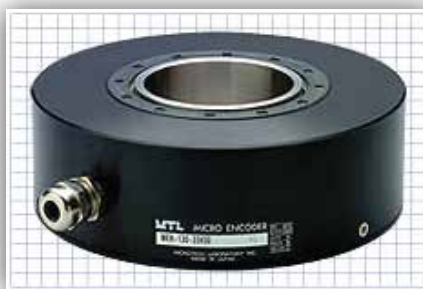
MEH-30T-10000 PST20E

Thickness : 18mm
 Internal Diameter : $\phi 10\text{mm}$
 Outside Diameter : $\phi 44\text{mm}$
 Output Pulse Number (P/R) : 200,000 P/R
 Maximum Allowable Revolutions : 6,000 r/min
 Maximum Response Frequency: 1MHz
 Weight : 140g

Wide Hollow and High Accuracy Type



MEH-85 Series



MEH-130 Series



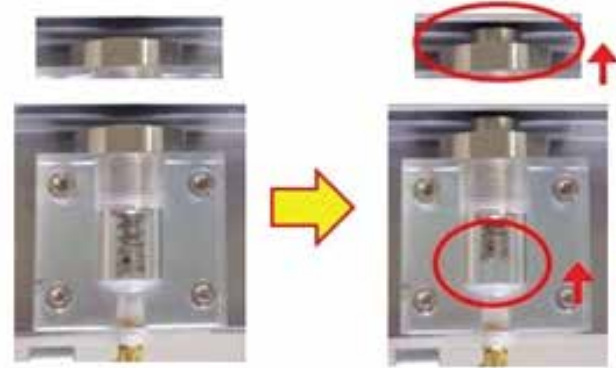
MEH-180 Series

Thickness : 31mm
 Internal Diameter : $\phi 36\text{mm}$
 Outside Diameter : $\phi 100\text{mm}$
 Output Pulse Number (P/R) : 288,800 P/R

Thickness : 50mm
 Internal Diameter : $\phi 75\text{mm}$
 Outside Diameter : $\phi 150\text{mm}$
 Output Pulse Number (P/R) : 518,400 P/R

Thickness : 71mm
 Internal Diameter : $\phi 90\text{mm}$
 Outside Diameter : $\phi 200\text{mm}$
 Output Pulse Number (P/R) : 576,000 P/R

Automatic Air Coupler for Rotation Table



When system supply the Air
Air connector is extended automatically

■ FEATURES

○ Supply Air by Elasticity of a spool in the Joint !

When air is supplied in the joint, the spool is be longer and touch the connection side.

This function make more value for your setting position and space. (Connection distance is Max.7mm)

○ Simple spool movement !

Spool move by the air. When air finished, It returns to the original form according to the power of a spring. This movement is occured by only air, it mean there are no electric control as Cylinder.

○ $\pm 1^\circ$ is possible as the angle with the connection side!

It has floating function inside. This function make it posibble of $\pm 1^\circ$ angle with connection side!

○ The Joint has Self Protection function

In order to protect apparatus form the shock by residual pressure opening,
It has residual pressure valve in itself, and this function protect itself.

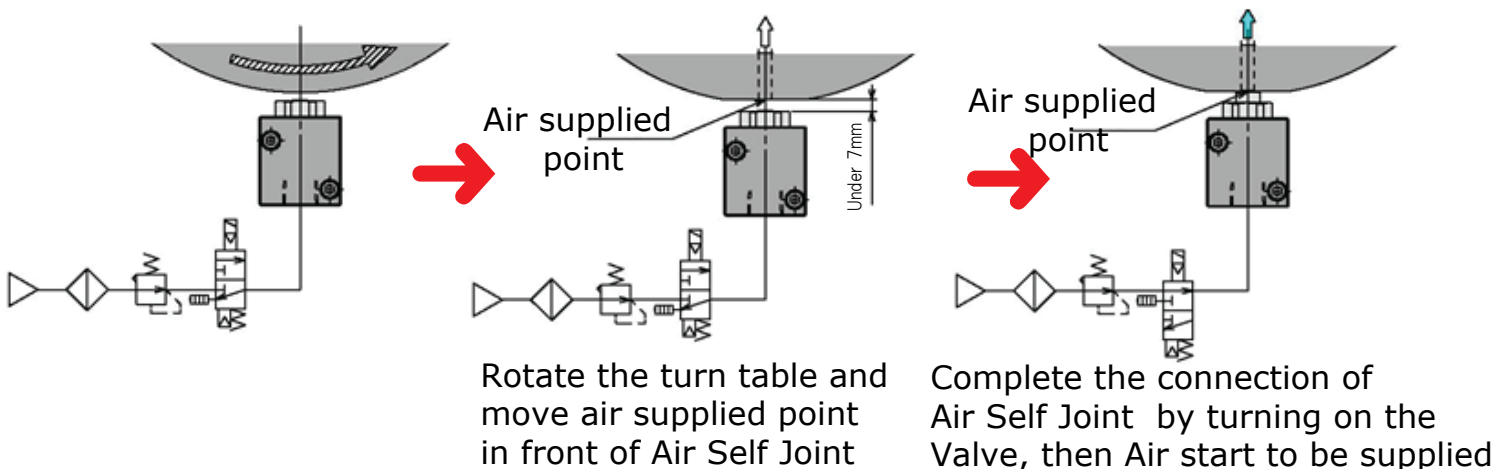
○ Easy connection by the Plane joint!

This connect by the plane joint. It need only the hole at connection side.

There are no additional equipment. It reduce your cost.

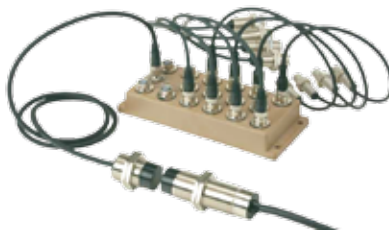
(Please make plane roughness under 6.3S because the special Seal Ring are used.)

■ Application of Rotating objects





Devicenet
Remote System



16 signal
Remote System



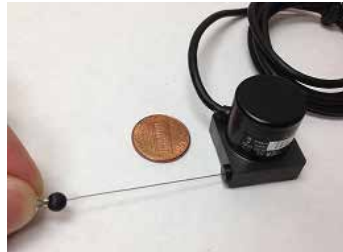
Power
Remote System



Thermocuple
Remote System



Small Encoder



Wire Encoder



Ring Encoder



Roller Encoder



Small Indicator



Small Load cell



Pin type Load cell



Platform scale



Pulse coder



Push rod coder



Wire pulse coder



Grobe sensor



Air self joint



Linear scale



Magnetic sensor



Angle sensor