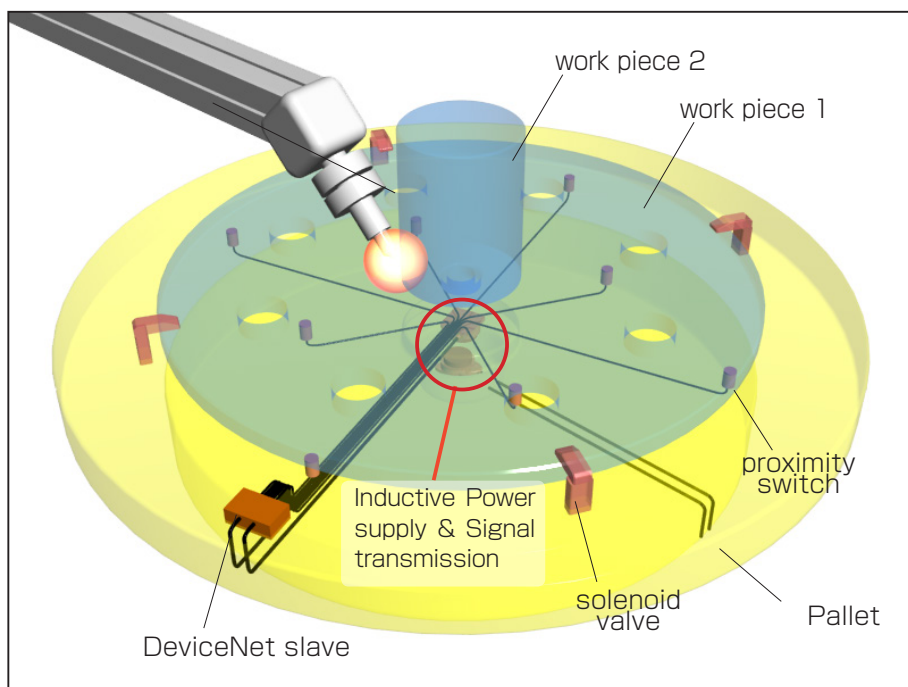


Confirming presence of work pieces on rotating pallet



Previous problems

- Slip ring was vulnerable to dust, oil and other contaminants.
- Increased size needed for additional signal lines.

Solution



Remote System

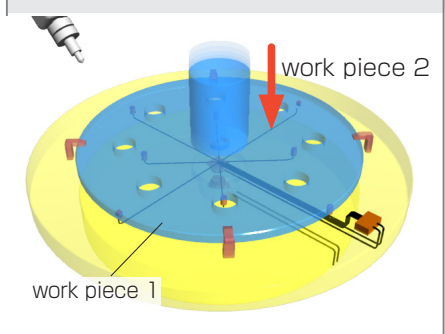
After improvement

- Directly replaced the slip ring.
- Turn and weld made the welding process evenly balanced.
- Easy to replace the pallet for another application.

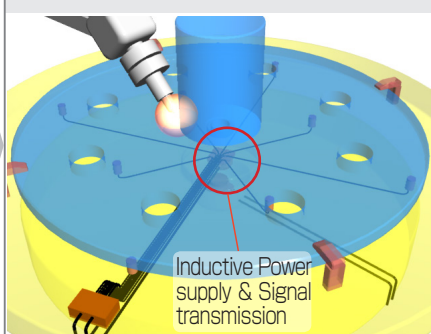
Application

Detect work pieces with proximity switches, Direct communication with controller through DeviceNet slave-remote coupler system. Whole table can easily be swapped for different application, accommodating different number of lines and locations. DeviceNet makes the direct communication from the controller possible.

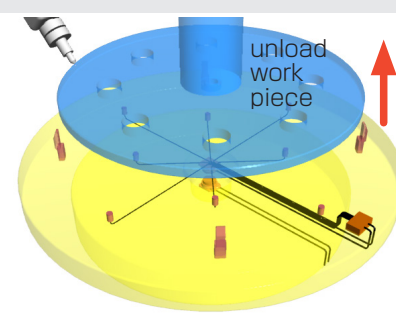
Placement of work piece 1 and work piece 2.



Welding rotating work pieces.



Removal of the work piece.



Construction of devices

movable side : pallet

fixed side

