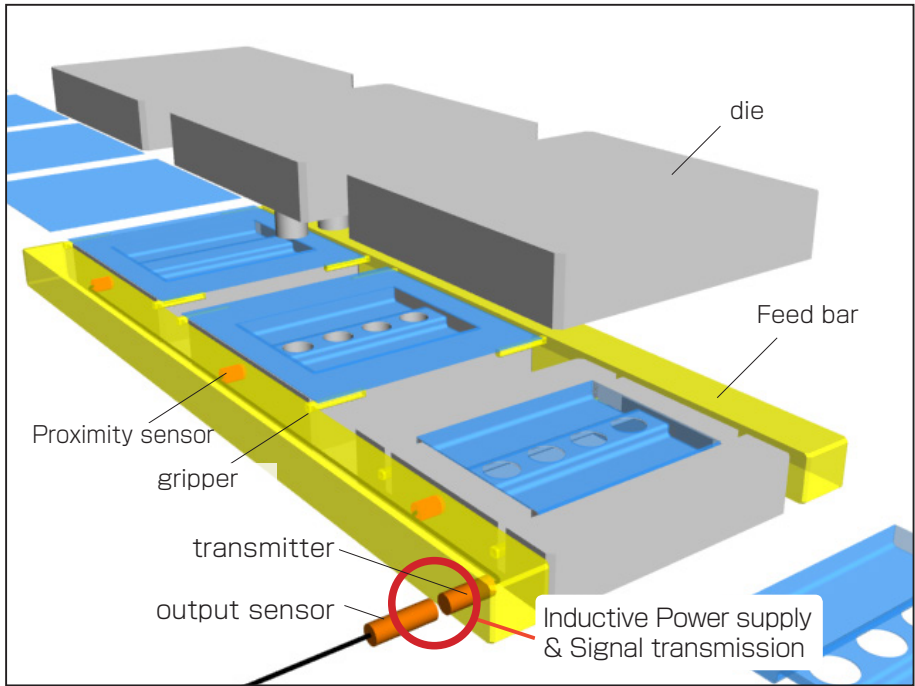
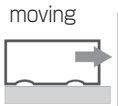


Confirming presence of work pieces on a feed-bar



Previous problems

- Cable breakages from stress.
- Time loss for connection/disconnection of the connector at changing feed-bar.



After improvement

- Improve the efficiency in feed-bar exchange.
- Eliminated cable breakage problems.
- Eliminated water/oil trouble.

Application In the press line where feed-bar is used, type and position of the gripper are vary according to type of work pieces
 In the die exchanging, feed-bar also need to be changed. Exchange process has been deduced by Remote sensor system.

