

Touch Sensor

Search sensor with welding wire



YASKAWA Touch Sensor uses the MIG-/MAG welding torch to search the exact location of seams. Despite many other existing sensors, some systems especially used in crude areas, continue searching with the welding wire. This sensor does not add additional contour because it is based on the welding torch.

In some current welding power sources a search function already exists. Often enough, however, the search voltage of the power source is not enough to work with primed or rusty components safely.

The new YASKAWA Touch Sensor offers all necessary functions in a simple box. The search voltage is possible from 30 volts to 90 volts, so that all material qualities will be searched safely.

The touch sensor securely separates the search potential and prevents the destruction of all electronics necessary accessory when searching with welding wire is a wire cutter and clamping of the wire – like in push pull torches.

KEY BENEFITS

- Variable search voltage
- Easy integration
- Compact design
- Search without additional contours

Example in
Welding system:

Search voltage
30 – 90 V

