

## 10kW AC/DC power supply for laser welding automation

Industrial Automation



laser welding

Laser welding within the industrial automation is a welding technique used to join multiple pieces of metal through the use of a laser. The beam provides a concentrated heat source, allowing for narrow, deep welds and high welding rates. The process is frequently used in high volume applications, such as in the industrial automation. The power transmission to the LASER is a large part of the SCHAEFER GmbH Germany product range. Serving this market from its concept design to the present day, high power solutions for this exacting industry has been firmly met with an equally reliable design.

- 10kW liquid cooled power supply
- Input voltage range: 360-528VAC
- Voltage presetting via CAN bus interface
- Liquid cooling, hermetically sealed enclosure, IP54
- Inrush current limiting via phase controlled modulator
- CAN Bus interfaces
- Liquid cooling at least 2l/min or more
- Cooling water pressure: 1...6 bar
- Thermal switch off by thermal protector switch
- Indication of voltage and current via LED

