



## Data diode

### UNIDIRECTIONAL SECURITY GATEWAY BUILT ON THE GREENFOX MODULE SYSTEM

Two component solution connected via a one-way optical fiber. The hardware is physically able to transmit information in only one direction.

- Purpose built hardware for optical transmission and optical reception
- Up to 10 Mbit/s capacity at a very competitive price point
- Supports UDP protocol over the secure link
- Integrated proxy service able to support many industry protocols and interfaces:
  - TCP, OPC UA, Modbus
  - Other protocols by request
- Fully Norwegian design, technology and support organization
- Flexible module-based system enables custom tailor-made solutions, reducing the need for external components to convert between data formats. Examples:
  - Relay data from industry standard protocols, and convert to UDP data
  - Aggregate or convert data before relaying it
  - Convert and encrypt data and send it directly to your cloud solution or directly to your data monitoring/analytics solution
- Electrically rugged galvanic insulation on all interfaces
- Universal DC-supply (10-58 V) or Power over Ethernet (PoE), low power (3 W)
- Rugged miniaturized aluminum chassis, screw fixed or DIN-rail mounting
- Integrated displays for system status information
- Industrial temperature spec (-40 to +85 °C)
- Software support from a highly experienced team

