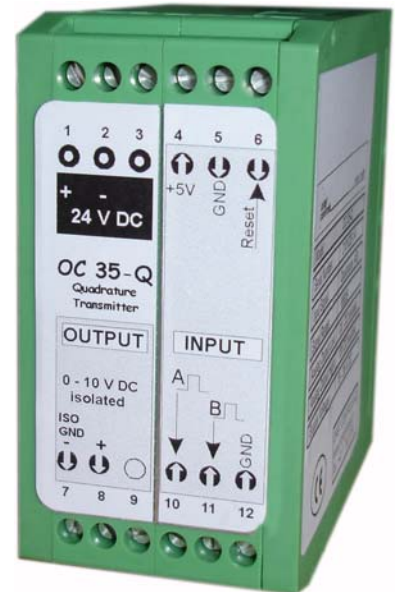


- ✓ Quadrature Input A, B
- ✓ Fast Analogue Output 0-10V
- ✓ Fast Analogue Output 4-20mA
- ✓ For 35 mm DIN Rails
- ✓ Supply 24V DC or 230V AC



OC35-Q is a transmitter for converting of quadrature signals A and B with 90° phase shift from incremental resolvers into fast analogue output 0-10V. The Transmitter is designed for a frequency range up to 500 kHz. The response time of the generated analogue signal is <1 µs.

The range of the generated analogue output is 0-10V and corresponds to a defined number of increments from the resolver. The number of increments can be set in order to optimize the working range and the analogue output 0-10V.

The transmitter is supplied from 24VDC (Option 230VAC) and is designed for 35mm DIN rails.

SPECIFICATIONS

Input: Positive TTL 5V Pulses A and B with 90° phase shift from resolvers,
Frequency Range: DC to 500 kHz.

Output: 0-10V max. load 20kOhm, resolution 16 Bit. Response Time <1 µs.
4-20mA Option, Load range 0-300 Ohm,

Ranges: The output signal 0-10V (4-20mA) can be assigned to number of pulses from the connected resolver in order to generate the highest accuracy. This number of pulses can represent e.g. the entire positioning range and is selectable from 4096 to 65536.

Supply: 18-36VDC/2W, Option: 230V ±10%, 48 ... 60Hz.

Cabinet: For 35mm DIN rails. Dimensions: 80 x 80 x 40 mm, weight 200g.