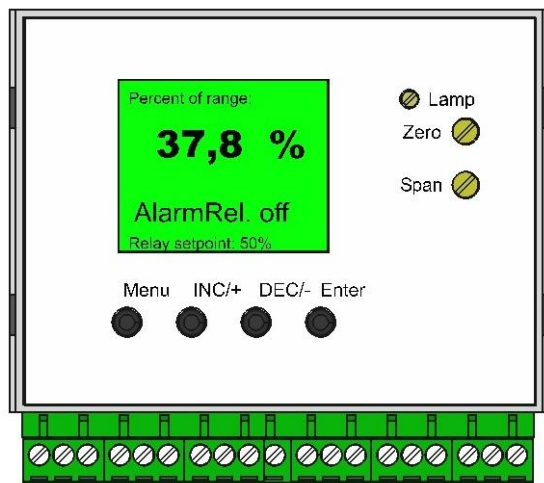


## Model C2



- Wide measurement range (max. 4 AU / Ext.)
- Analogue output: 0 / 4 – 20mA
- Programmable relay set point
- Programmable delay time (max. 99 Sec. set point relay)
- 1/8" TFT graphic display
- Automatic self diagnostic
- ABS- Rail mount enclosure IP30

### Description:

The turbidity transmitter model C2 can be used with different Chemtronic sensors / probes models CSW, LAS, MoniTurb-C-A, TURBImat or AP2. The system uses the principle of light absorption to detect dissolved or suspended particles in liquids. The transmitter as well as the sensor is distinguished by easy operation and low maintenance. The calibration of the system is done via zero and span adjustment. Because of the automatic self diagnostic routine, highly reliable measurement results are assured. Actual measurement values are shown by the implemented display. The 0/4-20mA output allows transferring of the measurement results to an external PLC- system.

### Applications:

- Product concentration
- Turbidity measurement
- Oil in water / Water in oil
- Single wavelength color measurement

### Operational areas:

- Chemical industry
- Petrochemical industry
- Pulp & Paper
- Beer & Beverage

### Technical Data:

Supply voltage: 24 V DC  $\pm$  10%  
 Power consumption: Maximum 15 W  
 Set point: 1 Relay (24V / 2A)  
 System fail: 1 Relay (24V / 2A)  
 Analogue output: 0/4 - 20mA / 800Ohm

Measurement range: 0 – 4 AU  
 Reproducibility:  $\pm$  1 %  
 Ambient temperature: 5°C to 45°C  
 Enclosure: IP30 / NEMA1 ABS- rail mount  
 Dimensions: 100 x 90 x 110mm / 0,3Kg