



# Transmitter for magnetic Pick-Ups

- ✓ Signals from passive magnetic Pick-Ups
- ✓ Frequency range up to 10 kHz
- ✓ Active Filter 1 kHz and 10 kHz
- ✓ Output 5V TTL
- ✓ Adjustable output level
- ✓ Supply 24VDC-1W

**OC35-IMP** is a transmitter for direct connection to passive magnetic Pick-Ups with mV output signals. The level of the output signal can be selected for 5V TTL or free adjustable from 0 to 10V with an internal potentiometer.

The sensitivity is adjustable with the front panel potentiometer. An active filter with 1 kHz and 10 kHz cut-off frequency can be activated upon demand.

OC35-IMP is supplied from 24VDC and is designed for 35mm rail mount.



## SPECIFICATIONS

Input: 50mV ... 10V RMS, 0-10kHz.

Output: 5V TTL, positive pulses.  
Adjustable output 0 ... 10V positive pulses adjustable with internal potentiometer

Adjustment: Sensitivity: Potentiometer at the front.  
Trigger level: Potentiometer inside the instrument.  
Output level: Potentiometer inside the instrument.

Filter: Active filter 1 kHz and 10 kHz, selectable with jumper inside the instrument.

Indication: LED green: Supply voltage ON.  
LED red: Input pulses

Supply: 18-36VDC, 2W.

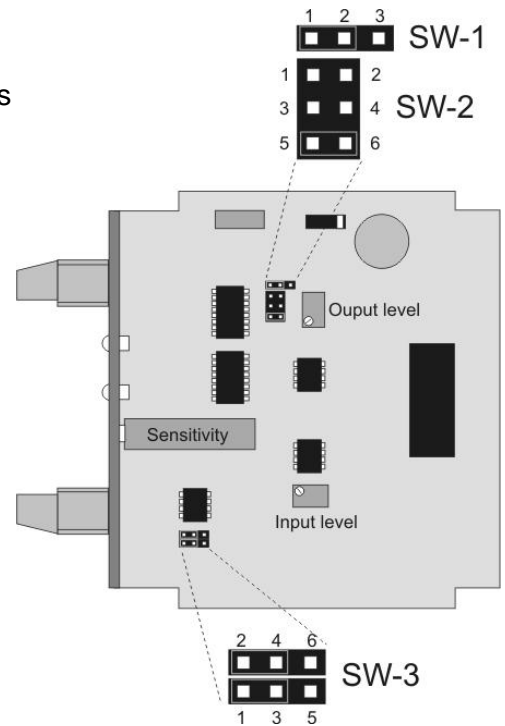
Terminals: Screw terminals

## ADJUSTMENTS

Sensitivity: Potentiometer at the front  
 Input trigger level: 125mV default  
 Output level: activated when SW-1 set to 2-3. Settings between 0 and 10V.  
 Output logic: SW-2 selector:  
                   5-6 positive logic  
                   1-2 negative logic  
                   3-4 Flip-Flop, divider :2  
 Filter: SW-3 selector:  
             1-3 and 2-4 DC ... 1 kHz  
             3-5 and 4-6 DC ... 10 kHz

## DEFAULTS

SW-1	1-2	5V TTL output
SW-2	5-6	positive logic
SW-3	1-3 and 2-4	1 kHz filter



## RECOMENDED CONNECTIONS

