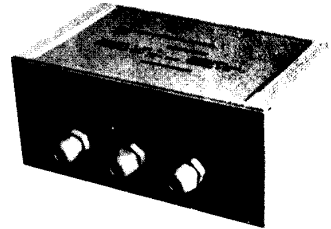


# CORR-TRAN

## VOLTAGE TRANSMITTER FOR CORROSION PROTECTION PURPOSES

The CORR-TRAN consists is a DC voltage transmitter with high input impedance, which can be advantageously used for continuous verification of potential of underground objects — e.g. pipelines, reservoirs — provided with active-cathode corrosion protection. The transmitter is powered from line voltage. The input (voltage) signal and the standardized output signal are galvanically isolated; thus, by using simple data acquisition and evaluation equipment, a complete system can be configured.

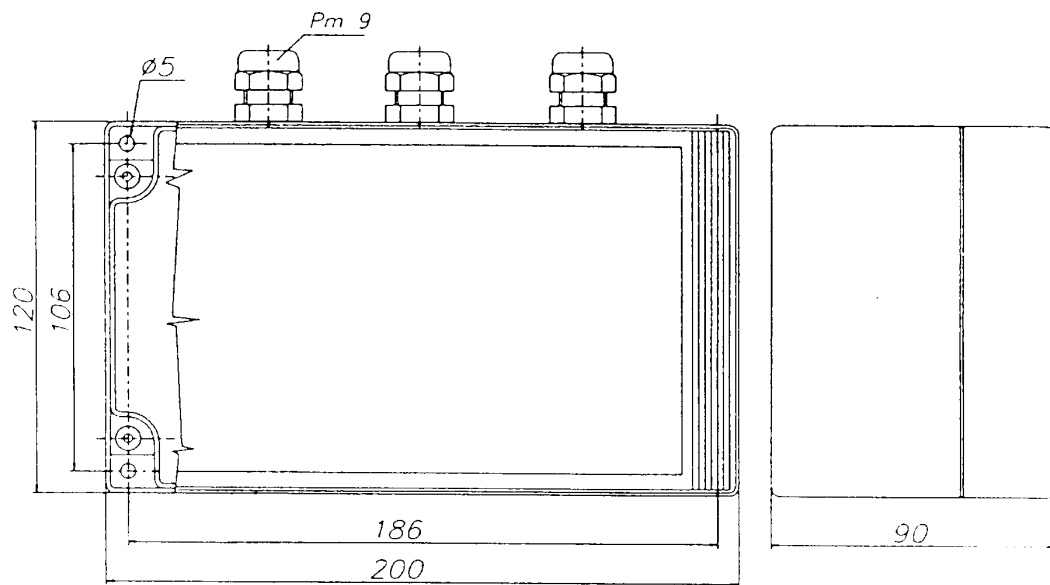


### Specification

Type number

**3 3 3 9 – 0 – 0 0 1 – 0**

Input signal range	0 to 2.5 V
Input resistance	$\geq 10 \text{ M}\Omega$
Output signal range	4 to 20 mA
Output load	up to 500 $\Omega$
Accuracy	$\pm 0.4\%$
Supply voltage	230 V $^{+10\%}_{-15\%}$ , 50 Hz
Dielectric strength between inputs and outputs	1.5 kV
Power dissipation	5 VA
Protection	IP 65
Material of casing	polycarbonate
Ambient temperature range	0 to 55 °C



**Outline drawing**