

- **High-resistance amplifier for safe pH value acquisition**
- **Standard signal output 4 - 20 mA**
- **Electrode connection via socket**
- **Simple calibration by means of a rotary potentiometer**



The EcoTrans II measurement transmitter records measurements in a range from pH 0 to pH 14 and converts these into a 4 - 20 mA standard signal (pH 0 = 4 mA, pH 14 = 20 mA). The current measured value will be displayed by a LCD display.

The calibration is carried out by using the respective buffer solutions (pH 4 and pH 7 for acidic media, pH 9 and pH 7 for alkaline media) by means of a calibration potentiometer.

Technical data:

Measuring range:	pH 0 - 14
Input:	SN6 socket for pH measuring cable
Output:	0/4 - 20 mA electrically isolated switchable: measured value/control current output
Relay:	Relay 1 with fuse SI 2.5 A, potential-free when fuse is removed Relay 2 potential-free changeover contact both independently switchable: exceeding/falling below the measured value
Release contact:	external contact closed: control current and relay active external contact open: control current and relay are switched off
Power supply:	230 V, 50/60 Hz (optional 110 V)
Protection class:	IP 65
Power consumption:	4 W
Dimensions (h * w * d):	142 x 125 x 60 mm

Ordering Data:

Article	Material No.
EcoTrans II, measuring and control device pH 0-14	422000018