

Conductivity measurement for sewage, raw and waste water treatment

On-line conductivity measuring system with column stand and protective roof incl. immersion housing for mounting in channels or open containers

1 piece

Conductivity Controller

microprocessor based controller for specific conductivity and temperature measurement, isolated inputs, electromagnetic compatibility to 89/336/EWG; EN 61326

measuring ranges: 0 ... 200 mS/cm (depended from the cell constant of the conductivity cell);
-50 ... 250 °C;

corrosion and weather resistant enclosure with protection standard IP 65 (suitable for wall mounting and with additional accessories for post mounting); power 110 ... 240 V AC; 48 ... 63 Hz or 20 ... 53 V AC/DC; about 8 VA;

permissible ambient temperature -10°C ... 55°C; automatic temperature compensation; integrated calibration functions; 2 x 4 digits LED display for simultaneous conductivity and temperature; 1 analog output 0(4) ... 20 mA for conductivity; measuring span free scaleable; 2 floating control relay outputs, 250 V AC,

Type: MU 2020

1 piece

Column Stand with Protective Roof

column stand and protective roof for outdoor application of the conductivity controller incl. all accessories for mounting; column stand with base plate, length 1,800 mm, material stainless steel 1.4571

Type: STWD 24

1 piece

Immersion Housing

immersion housing with 1 sensor port PG 13.5 for conductivity cell with built-in temperature probe Pt 1000; cable sealing by cable gland, application in open channels by means of wall mounting and in closed containers by means of fasten flange, material PVC, shaft diameter 40 mm; shaft length 1,000 mm, max. temperature 50°C;

Type: ET 32-110

1 piece

Conductivity Cell

plastic body, ø 12 mm, immersion length 120 mm; 2 parallel graphite electrodes (made of special graphite), nearly maintenance free cell; with built-in temperature probe Pt 1000; cell constant about 1 cm⁻¹; Multipin PG 13.5 threaded SixPlug plug head; measuring range 0...20 mS/cm; temperature range -5...80°C, max. pressure 6 bar

Type: LTC 1/23 SMEK

1 piece

Connection Cable

rugged multipin screened cable for connection between conductivity controller and conductivity cell with built-in temperature probe Pt 1000, SixPlug plug head cable socket (protection standard IP 67)/other side fasten plugs in accordance with DIN 46244/A for connection with controller, cable ø about 5 mm; standard length 10 m;

Type: K 28 /10

1 piece

Accessories and Replacement Parts

1000 ml conductivity standard solution 0.1 N KCl (12.9 mS/cm, 25°C)

Type: Conductivity Standard Solution 0.1 N KCl