

## Conductivity measurement for water and waste water treatment

### Conductivity measuring system with flow-through housing for mounting in pipes

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

#### **Flow-Through Housing**

bevel seat flow-through housing for insertion of one conductivity cell with built- in temperature probe with Euro-Standard PG 13.5 threaded plug head, application in pipes by means of DN 20 glue port (other ports available on request like hose connection or screw connection); material PVC; max. pressure 5 bar (40°C); max. temperature 50°C

**Type:**                    **AD 92**

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<sup>-1</sup>; 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 2 m;

**Type:**                    **K 28 /2**

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**