



Article

Material No.

pH-Combination Electrode

with screw-in thread PG 13.5 and plug-in screw connection, glass shaft = 120 mm, Ø = 12 mm, collector Ag/AgCl, sintered.

pH-Combination Electrode

with dirt-repelling PTFE-circular diaphragm
pH range: 0 - 12
Temperature range: -5 °C to +80 °C
Pressure: up to 6 bar
Minimum conductivity: 100 µS/cm

418853008

pH-Combination Electrode

with 3 ceramic diaphragms
pH range: 0 - 12
Temperature range: -5 °C to +80 °C
Pressure: up to 3 bar
Minimum conductivity: 100 µS/cm

418853011

pH-Combination Electrode

with ceramic diaphragm
pH range: 1 - 14
Temperature range: +10 °C to +130 °C
Pressure: up to 3 bar
Minimum conductivity: 100 µS/cm

418853016



Impedance converter

We recommend the installation of the impedance converter in order to prevent negative influences to the measurement signal of pH-measurement due to electrical fields of near live wires, dirt or moistures.

The impedance converter is also used to short-out higher distances (more than 10 m) between measurement chain and measurement unit.

The impedance converter is screwed onto the measurement chain directly.

The delivery performance also includes a battery (live approx. 5 years).

Internal resistance: $R_i \leq 5 \Omega$
Permitted surrounding temp.: -10 to +50 °C
Permitted storing temp.: -10 to +60 °C
Housing: PVC
Length: 108 mm
Weight: 0.09 kg

418853005



Connection cable with rotating matching plug for pH measurement

Length 2 m
Length 5 m

418439450
418439451



Article

Material No.

Buffer solutions

| | | |
|---------|-------|-----------|
| pH 4,01 | 20 ml | 418853125 |
| pH 7,00 | 20 ml | 418853126 |
| pH 9,21 | 20 ml | 418853127 |
| pH 4,01 | 1 l | 418853121 |
| pH 7,00 | 1 l | 418853122 |
| pH 9,21 | 1 l | 418853123 |



Detergent for Combination pH and ORP/Redox Electrodes 418853128
Pepsin-hydrochloric acid solution 250 ml



Angle seat flow fitting 418853202
for combination pH or ORP/Redox electrodes with 120 mm length

Material: transparent PVC
Operational temp.: max. 50 °C
Pressure resistance: 10 bar (at 20 °C)
1 bar (at 50 °C)
Nominal diameter: DN 25, 1" (d = 32)
Connections: d32 adhesive muffs



Flow Fitting 418853213
for 3 measuring probes

Material: PP
Angle support: stainless steel
Operational temperature: max. 80 °C
Pressure resistance: 10 bar (at 20 °C)
Connection thread: G1/2
Hose connection: 6/12 mm (int. Ø/ext. Ø)



pH screw-in fitting stainless steel G3/4 1000000001565

for mounting and protection of transducers (with a length up to 120 mm)

Material: VA 1.4571
Operational temperature: 0 - 135 °C
Pressure resistance: 10 bar (at 25 °C)
Electrode holder: Pg 13,5



(shorten immersion depth)

Article

Material No.

Immersion fitting including fixing flange

287430

for combination pH or ORP/Redox electrodes

Immersion depth can be shortened by taking out pipe section.

| | |
|-----------------------------------|-----------|
| Material: | PP |
| Operational temperature: | max 80 °C |
| Pipe diameter: | 32 mm |
| Usable immersion depth max.: | 980 mm* |
| Usable shortened immersion depth: | 525 mm |
| Fixing flange Ø: | 70 mm |

* optional elongation (accessories on request)



Keep-wet-tray

287523

for pH-immersion fitting

The electrode is automatically kept damp when the tank fluid level drops.

| | |
|-----------------------------|------------|
| Material: | PP |
| Operational temperature: | max. 60 °C |
| Suitable for pipe diameter: | 32 mm |