

pH-Head transmitter pH 40

Features

- Errorfree measurement transfer up to 100 m
- Input resistance $>10^{12} \Omega$
- Supply voltage 5 ... 30 V DC
- Case PVC-U
- Operating temperature -10 ... 60 °C
- Output (Connector A) 8pole plug M12x1
- Protection IP65



The head transmitter is designed for direct mounting on the pH-sensor with input lock nut connector B
 The output signal is located at output connector A. For pH-sensors with integrated RTD's are the lines connected through.

Ordering-code: pH40 - 1. - 2. - 3.

1. Output (connector A)

- 0 the pH-sensor signal will be transfered 1:1 in range
-1.0 ... 15.0 pH with low output impedance (load max. 1 mA)
- 2 4 ... 20 mA in range 2.0 ... 12.0 pH related to 25°C
0-point pH = 7.0 and conductance 59.2 mV/pH, not compensated

2. Input connector B for pH-sensor (electrode)

- 1 for pH-sensor with SMEK-socket
- 2 for pH-sensor mit S7-socket

3. Options

- 00 without option
- 03 8-pol. plug stainless steel 1.4571

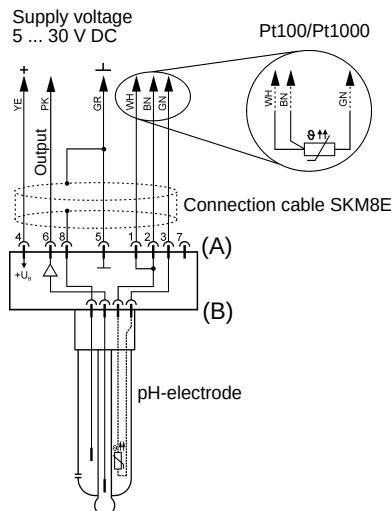
Accessories

Connection cable with 8-pole cable socket brass plated,
 and pig tail, PU-cable

SKM8E-02	length	2 m	IP67
SKM8E-05	length	5 m	IP67
SKM8E-10	length	10 m	IP67
SKM8E-25	length	25 m	IP67

other length on request
 8-pol. cable socket for self assembling

Connection diagram



Dimensions

