

# pH-Head transmitter pH40



## 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 transferred 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

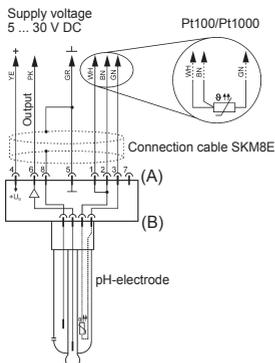
### Accessories

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

