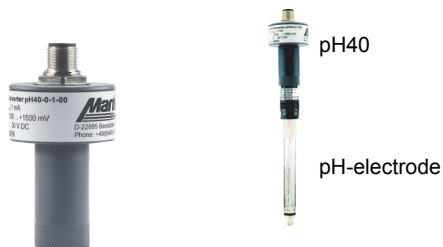


pH Head-Transmitter pH40



- Measuring range -1..+15 pH
- 2-wire transmitter 4..20 mA
- Error free measurement up to 100 m

Characteristics

The head transmitter is designed for direct mounting on the pH-electrode with input lock nut connector B.
The output signal is located at output connector A.

Technical data

Power supply

Supply voltage : 5..30 V DC output 0
: 10..30 V DC output 2

Operating temperature : -10..+60 °C

Input pH/ORP

Measuring range : -1..+15 pH / ± 1500 mV
Input resistance : $>10^{12} \Omega$

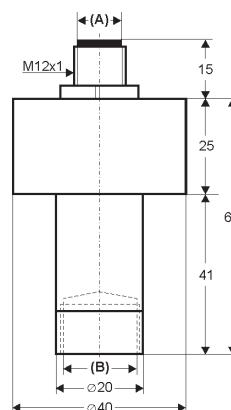
Output

Type 0 : 1:1 transfer of the pH-signal with low output impedance, error free measurement up to 100 m
Type 2 : 4..20 mA, 2-wire technology in the range -1..+15 pH depending at 25 °C, zero-point pH 7.0, slope 59.2 mV/pH, not compensated
Accuracy : type 0 = 0.01 %
: type 2 = 0.2 %

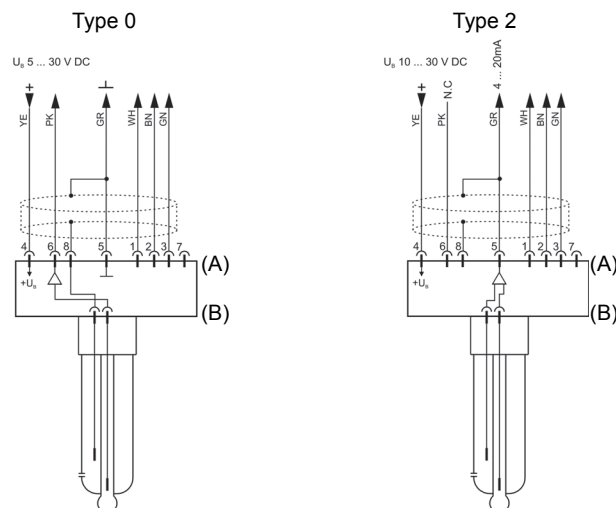
Case

Material : PVC-U
Weight : approx. 100 g
Process connection : S7 or SMEK plug
Electrical connection : 8 pole round socket, M12x1
Material : brass plated
Protection class : IP65

Dimensions



Connection diagram



Ordering code

pH40 - 1. - 2. - 3.

1. Output		
0	-1..+15 pH = 1:1 signal transfer	
2	4..20 mA = -1..+15 pH	
2. Input plug B process connection for pH-electrode		
2	S7 socket	
3. Options		
00	without option	
Accessories connection cable with 8 pole cable socket brass plated and pigtail, PU-cable		
SKM8E-02	2 m	IP67
SKM8E-05	5 m	IP67
SKM8E-10	10 m	IP67
SKM8E-25	25 m	IP67
	other length on request	
	8 pole cable socket for self assembling	