

Noise eliminator for pH and O₂ measurement systems

VP-capacitor set

This set eliminates possible noise problems in pH and O₂ measurement systems incorporating transmitters pH 2100/2220 or O₂ 4500/ O₂ 4220 and VP-cable. Connect the capacitor set between the cable shield (green/yellow) and the transmitter shield terminals, pin 5 on transmitters pH 2100/2220 or shield terminal on transmitter O₂ 4500 or pin 3 on transmitter O₂ 4220.

Ex applications

In the case of pH 21002X/2220X and VP-cable with a max. length of 20 m, the maximum capacitance rule is fulfilled.

In all other cases, ensure that the total capacitance is lower than the maximum allowed input capacitance. The maximum value for the pH 21002X is 700 nF, for the pH 2220X, 440 nF and for the O₂ 4220X, 620 nF. The capacitor set consists of a capacitor 220 nF and a quickfit connector for the green/yellow cable.

VP-cable capacitance: 100 pF/m, e.g. 10 m is equivalent to 1 nF.

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