

Technical data:

Probe interface / emulator	DO/pH/T
Nominal voltage:	230 V AC ± 10 %; 50 .. 60 Hz
Power consumption:	6 W / < 1 W power/standby
Temperature range:	+5 ..+ 40 °C
Protection degree:	IP5X
Dimensions (L x W x H); weight:	215 x 112 x 70 mm; 1300 g
Measurements & Indications:	
DO range; resolution:	0 .. 600 %O ₂ ; 0,01 %O ₂ (0 .. 99,99 %) / 0,1 %O ₂ (99,99 .. 600 %)
Indication error:	< 0,5 % ± 1 dig
pH range; resolution; indication error:	0 .. 14 pH; 0,01 pH; < 0,5 % ± 1 dig
Temp. range; resolution; indication error:	-10 .. 50 °C; 0,1 °C; < 0,1 °C ± 1 dig
I/O ports:	
PT 100 temp. probe – 2/4w input:	96,00 .. 120,00 Ω /-10 .. 50 °C
PT 100 resistance 2/3/4w output; resolution:	96,09 .. 118,03 Ω / -10 ..48,5 °C; 0,01 Ω / 0,03 °C
Replication error; max. load:	< 0,05 Ω / < 0,2 °C (@ 23°C); < 0,1 W
DO current output; resolution; polarization voltage:	0 .. 230 nA / 0 .. 300 %O ₂ ; 0,02 nA / 0,03 %O ₂ ; < 20 V
Conversion error; temperature drift:	< 0,05 % (@ 23 °C); 0,008 nA/K
pH voltage output; resolution:	-700 .. 700 mV / 0 .. 14 pH; 0,1 mV / 0,01 pH
Conversion error; temperature drift; max. load:	< 0,1 % (@ 23 °C); 0,03 mV/K; > 1 k Ω
Galvanic isolation of all I/O:	500 V AC
DO/pH optical port:	PreSens / Opti Sens
Communication port:	RS 232, 19.200 bps; 8/1 bit