



AQUATEC[®] 1000 - Electronic Unit

Housing:	sheet steel ST37 powder coated, RAL6029 (GRP-version optional)
IP code:	IP66
Display:	LC dot matrix 240 x 64 - LED backlit
Keypad:	membrane keypad
Signal LEDs:	alarm, maintenance, error
O₂ measuring range:	2 x 0 - 2 % O ₂ to 0 - 25 % O ₂
Accuracy:	± 0,2 % of measured value
Response time:	change of 100mV at sensor input < 200ms
ACAL (automatic calibration):	1 or 2 point automatic calibration
Mains voltage:	230V ±10 % 50 to 60 Hz 115V ±10 % 50 to 60 Hz
Power consumption:	425 VA (heating phase) 225 VA (typical measuring mode)
Recommended fuse:	10A
Output signal O₂:	active, 0/4 to 20 mA max. load 500 Ω
Output signal H₂O:	active, 4 to 20 mA max. load 500 Ω
Relay contact:	24 V AC/DC, 1 A
Relay contact solenoid valve:	230 V AC, 1 A
Dimensions:	300 x 440 x 220 mm (B x H x T)
Weight:	ca. 19 kg
Temperature range - storage*:	-40 °C to +80 °C
Temperature range - operation*:	-20 °C to +55 °C

* Other temperature ranges on request



AQUATEC[®] 1000 - Probe

Process gas temperature:	up to 250 °C (482 °F)
Immersion depth:	up to 615mm
Measuring principle:	Zirconium oxide
Process gas pressure:	-50 to +50mbar (-0.725 to +0.725 PSIG)
Flow velocity:	0 to 50m/s
Ambient temperature:	-40°C to +80°C (-40 °F to +176 °F)
Reaction time:	0.5s (process flow velocity > 10m/sec.)
T90-time:	5.0s (process flow velocity > 10m/sec.)
Probe material:	V4A (1.4571/316Ti)
IP Code:	IP65
Detection limit:	< 1ppm O ₂
Power supply:	through electronic unit
Dimensions:	on request