



AQUARIAN GLOBAL SALES PHILIPPINES INC.

 PHILIPPINES •  USA •  CANADA •  VIETNAM



Rawet s.r.o.

AUTHORIZED DISTRIBUTOR

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AQUARIAN GLOBAL SALES PHILIPPINES INC.

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Aquarian Global Sales Philippines Inc. is a branch office of Aquarian Associates Inc. (USA).

The company is engaged in supplying various equipment ranging from electrical power & control, DCS & PLC spares, measurement and process instruments, pumps, compressors, generators, and other equipment for various application.



Rawets.r.o.

Manufacturing of regulation and measurement technology, transducers, temperature sensors.

Rawet s.r.o — Design and manufacture of regulation, automation and measurement technology.

They produce DIN rail-mounted converters of both electrical and non-electrical signals.

Moreover, they produce bi-stable temperature regulators (monitors) and resistance thermometers.

Their thermometers can be dimensioned as the customer wishes and are fitted with 4...20 mA converter.

They manufacture converters for resistance thermometers and for thermocouples; these converters can be mounted into thermometer hoods.

They offer both high quality and attractive prices to all our customers.



Contract on Commercial Representation

The contract is governed by § 2483 and following of the Civil Code and concluded in accordance with § 2488 ff. of the Civil Code between

Rawet s.r.o.
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678 01 Blansko
CZECH REPUBLIC
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and

Aquarian Global Sales Philippines Inc.
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Philippines
Contact: Lorraine Hariette Tamayo
Email: agspi@aquarianinc.net
T: +63-2-571-5185/ 637-6570
F: +63-2-571-5185

Article 1: Subject Matter of the Contract

The commercial representative undertakes to carry out activities for the represented party leading toward the conclusion of contracts involving the sale of the articles in the business interest of the represented party (hereinafter deals) throughout the territory of the Philippines.

Article 2: Period of Execution

This contract has been concluded for a indefinite period starting on the day of its signing by both contractual parties. This contract is entitled to terminate with immediate effect by written notice to the other party.

Article 3: Responsibilities of the Commercial Representative

The object of the obligation of the commercial representative is seeking out parties interested in concluding the deals referred to in article 1 of this contract. The commercial representative undertakes to carry out this activity with all due expert care, to concern himself with those interests of the represented party known to him and follow the instructions of the represented party within the framework of the contract. The commercial representative is also required to cooperate according to the instructions of the represented party and in his interest when realizing deals concluded on the basis of this contract.

Article 4: Documentation and Auxiliary Material for Representation

The represented party undertakes to forward to the commercial representative any and all documentation needed for the fulfilling of the commercial representative's obligations.

Article 5: Final Provisions

This contract becomes valid and takes effect on the day it is signed by both contractual parties. Changes or additions to this contract may be made only in writing.

This Contract is to be construed, governed by and interpreted in accordance with the laws of the Czech Republic. Any dispute, controversy or claim arising out of or in connection with this Contract, shall be settled by Czech courts in the Czech Republic. The language used in the court proceedings shall be Czech.

Pekarek Ales

Rawet s.r.o.
Čapkova 22, 678 01 Blansko
☎ 516 419 995; fax 516 416 963
www.rawet.cz; rawet@rawet.cz

.....
represented party, date

Lorraine Hariette Tamayo



.....
commercial representative, date

01/22/2018



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PRODUCTS:

- **Temperature sensors**
 - Outdoor use
 - Indoor use
 - Surface
 - With connector
 - With cable
 - With connection head "B"
 - With small head "MA"
 - With stainless head
 - Tables of sensors
 - Accessories for sensors
- **Temperature transmitters**
 - For terminal head
 - Rail-mounted
 - Wall-mounted
- **Galvanic Separators / Signal isolating converters**
- **DC voltage and current converters**
- **Measuring converters of AC signals**
- **Frequency and periodic converters**
- **Transmitter for rail vehicles according to ČSN EN 50155**
- **Limits monitors**
- **Other Converters**
- **Power Supplies**
- **Surge protectors**
- **Digital meters**
- **PID controllers**
- **Measuring shunts**
- **Current transformers**
- **pH measurement**
- **Software, programming adaptors, protocols**
- **3D models**



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TEMPERATURE SENSORS: PT36 (WITH CABLE)



Sensor \varnothing c. 3,5mm for motor winding. Sensor is sealed into tube from insulation material, case is not exactly cylindrical.

- Sealed design, stem from insulation material
- -40...+150°C (class „F“)

- It can be use pt100/A, B, from two to four wire connection, Pt1000, Ni1000, PTC, thermocouples...
- Leads are made from stranded wire with PTFE insulation, 2,5m length

TEMPERATURE TRANSMITTERS: PP200-BOX (WALL-MOUNTED)



Wall-mounting temperature transmitter without galvanic separation, IP65.

- Inbuilt transmitter PP200 powered from output current loop
- Programmable range,

min. Span 10°C

- It is programmable for sensors pt100, pt1000, ni100, ni1000
- Easy programming range by AX-USB adapter (AY-USB) without power supply
- Accuracy $\pm(0,07\%+0,1^\circ\text{C})$
- Current output 4-20ma

GALVANIC SEPARATORS: ISOL100



Fast isolating converter for unipolar and bipolar signals with switchable calibrated ranges.

- Fast respons time (0,1ms)
- 8 calibrated ranges
- Isolation unipolar and bipolar signals

- Setting range by slid switch DIP on the board
- Bandwidth : 0..5khz for -0,5db
- Fast analog channel digitally driven
- Accuracy 0.1%
- Power supply 18VDC for loop-powered transmitter on input
- Dielectric strength input / output / supply power 4kv
- Auxiliary power supply in wide range 19 to 300VDC & 90 to 250VAC

DC VOLTAGE AND CURRENT CONVERTERS: PX24



Isolated transducer output current loop-powered.

- Analog measurement of the input signal
- Transducer for measurement DC current or voltage
- Directly current

measurements up to $\pm 10\text{A}$, voltage up to $\pm 1000\text{V DC}$

- Dielectric strength input / output 4kv
- Accuracy $<0,1\%$
- Response time 1ms
- Loop powered



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MEASURING CONVERTERS OF AC SIGNALS: ACM-I



AC true RMS current transducer.

- Digital processing of the input signal
- True RMS current measurement
- Signal processing with crest factor up 4,5

- Frequency range 40 ... 1000hz
- Conversion accuracy 0,2%
- Response time 300ms

FREQUENCY AND PERIODIC CONVERTERS: ACM-FW



Wideband frequency and pulse transducer

- Measurement frequency in wide range 0..120khz
- Universal power supply 19 – 300V DC & 90 – 250V AC

- Conversion accuracy 0,2%
- Response time 300ms
- Isolation input-output-power supply: 4000Vef
- Unipolar and bipolar input signal

RAIL VEHICLES TRANSDUCERS ACCORDING TO CSN EN 50155



Transducers meet the requirements of the standard

- CSN EN 50155ed.3 Electronic equipment for rail vehicles.
- CSN EN 61373 ed.2 Impact and vibration test
- CSN EN 50124-1

Coordination of insulation

- CSN EN 50121-3-2 Electromagnetic compatibility
- CSN EN 45545-2 + A1 Fire protection meets the set of requirements for monitored products according to Table 2
 - the printed circuit board meets the set of R24 requirements
 - the box meets the R26 requirements

SUPPLY UNITS: NZ124



Power supply unit 24V DC with s toroid transformer and linear voltage regulator, max. 24mA. The power supplies are intended to power the converters, isolating modules, converter stem thermometers and other devices in the

industry. They are mounted into switchboxes on a DIN 35 standard electrical equipment mounting rail.

- Supply voltage: 230V AC \pm 10% (45 – 65 hz)
- Output voltage: 24V DC, \pm 5%
- Output power capacity: 0.5VA (22ma)
- Protection: transformer with thermal fuse + electronic cut-out



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SOFTWARE, PROGRAMMING ADAPTORS, PROTOCOLS: AY-USB

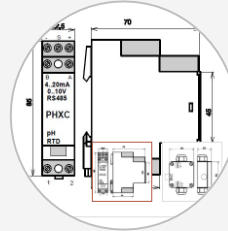


Programming Adapter for Rawet Converters.

- adapter for Programming Transducers with Galvanic Separation
- direct replacement for adapters AX-USB a PK-USB
- for transduceres:

- PP200, PP300, PMA300, PX300, PP210/212, PP210/S
- PP200-BOX, PP300-BOX, PX300-BOX
- PX310, PX310S, ISOL600, PXN30
- SIXISOL310, SIXISOL600
- TS30, TS30K, TS30DIN, DPR40
- programming software Rawet Studio

PH MEASURING: PHXC



Industrial pH transmitter

- It provide a voltage corresponding pH value in range 0..14
- optional output 4..20mA, 0..10V or MODBUS
- dielectric strength input / output 2kV
- DIN 35 rail-mounted design or wall-mounted plastic box
- 2-wire temperature compensation Pt, Ni
- calibration in 2 points 10/4pH and 7pH

DIGITAL METERS: R24



Programmable digital display

- RTD, Tc, R, U, I measurements
- Unified signals 0-20mA, 4-20mA, 0-10V etc.
- Voltage, DC current
- Output up to 4 relays, analog output, RS485

- 4-digit display (20mm height)
- Display color red or green LED
- Power supply 19 ... 300V DC and 90-250V AC
- Panel design
- Designed to display the measured value
- Monitoring exceeded set points

PH MEASURING: HC265



Active high pressure pH electrode HC265

- pH range: 0..13 optional
- working temperature 0..+70°C
- zero point: pH = 7
- max. pressure: 8 bar



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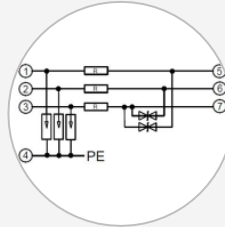
CURRENT TRANSFORMERS: CLA., CLB..



- Current transformers
- low voltage current transformers
 - using in low voltage switchboards up to 2500A
 - certified calibration
 - customized on request

- Maximum operating voltage: 3V
- Input signal: resistance connected 3W

SURGE PROTECTOR: OPO33



Surge protector for inputs of temperature and resistance transmitters

- Voltage protection level core-pe at 10ka (8/20 μ s): 300V
- Voltage protection level core-core at 100A (8/20 μ s): 12V
- Serial resistance: 8,2 ohm

- Maximum operating voltage: 3V
- Input signal: resistance connected 3W

OTHER CONVERTERS: PWM



The module generates a width-modulated output signal for control of power semiconductor relays. Output isolated signal with a voltage level of 12V. Modulated on carrier frequency 1Hz (10Hz or 100Hz).

- Control of the power relay by modulation
- PWM output 0..12v / 50ma
- Selectable output pulse frequency 1hz, 10hz or 100hz
- Input control signal 0-10V or potentiometer 10kohm or 4-20ma current
- Auxiliary power supply over a wide range
- Transmission accuracy <0,2%
- Input / output separation - 4000vef power supply
- DIN rail mounting 35

LIMITS MONITORS: DIGIREG 03.XXX



- The watchdog has a user-defined level
- Up to two separate switching / expansion channels
- Input signal U / I or RTD or tc
- LED display 4digity height
- Relay output: without relay or 1 to 2 relay relay

- Analog output: 0-20ma or 4-20ma or 0-10V or without output
- Auxiliary power supply in the wide range of 19 to 300VDC and 90 to 250VAC
- Power consumption: max. 2va
- Monitoring of the set switching limit and opening of the two switches according to the value of the input signal
- Displaying a measured value in the range - 999 ... 9999 digits
- Insulation strength input / power 4kv



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PID CONTROLLERS: HT60B



Simple PID / two-position controller

- Regulation to a constant value
- One input (thermal or process)
- Two-position heating control

- First control output (heating or cooling)
- Two-position cooling control
- Second output alarm or signaling
- Communication line RS232 or EIA485

PID CONTROLLERS: HT40A



simple program controller with 1 ramp
one input, 3 outputs
a simple start / endurance program
communication line RS232 or EIA485
Master-Slave system - cascade control
automatic adjustment of the control parameters

PID CONTROLLERS: HT60M



controller, meter, alarm unit
3 device initialization configuration:

- meter / alarm unit
- two-position controller
- PID controller

two outputs
communication line RS232 or EIA485

MEASURING SHUNTS: COVER- COVER



Shaft cover on insulation pad



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VIETNAM

***“Engineering
Solutions
Provider.”***



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