

AQUARIUS 2S

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TYRO

VERSATILE. SHOCKPROOF. ELEVATE AUTOMATION.

INDUSTRIAL RECEIVER

The Aquarius 2S is the ultimate solution for automation experts who demand precision, durability, and reliability in one compact package. This nifty receiver isn't just tough; it's designed to thrive in the toughest conditions you can throw at it.

This version of the popular Aquarius range shows its versatility by offering both multiple digital and analog inputs and outputs. All fitting into a small shock- and impact-absorbing package. Uncompromising on quality, the Aquarius 2S is where solid construction meets agility and versatility.

KEY FEATURES

- Waterproof, dirt and moisture resistant IP68
- Solid cast housing, impact and shockproof
- Modular design with digital inputs and outputs + analog options
- Prewired, plug and play (1.5m / 3.18")
- Rapid response time approx. 0.1 seconds
- Global frequencies (434 MHz, 915 MHz, 2.4 GHz)
- Frequency hopping

OPTIONS

- Available in three versions (6F/10F/20F)
- Optional analog I/O
- RS232
- PWM

ACCESSORIES

- 100-240V interface
- Mounting magnets
- Antenna extension cable



6F/10F bottom with 1 cable:



20F bottom with 2 cables:



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TECHNICAL SPECIFICATIONS

Frequency (+hopping protocol)	434 MHz (LBT+AFA), 915 MHz (FHSS), 2.4 GHz (FHSS)		
Antenna	SMA		
Communication mode	Duplex		
Transmission power	10.0 dBm at 434 MHz, 915 MHz 20 dBm at 2.4 GHz (default)		
Reaction time	Approx. 0.1 second		
Transmitters per receiver	434 MHz, 915 MHz: Max. 10 transmitters 2.4 GHz: Max. 8 transmitters		
Certification	CE, FCC, ISED, RCM, RED, ECE-R10		
Degree of protection	IP68		
Temperature range	-40°C / +80°C -40°F / +176°F		
	6F	10F	20F
Max. Current load	4A per output, total max 10A	4A per output, total max 10A	4A per output, total max 2x 10A
Max. Switching voltage	8 - 36 VDC	8 - 36 VDC	8 - 36 VDC
Power supply	8 - 36 VDC	8 - 36 VDC	8 - 36 VDC
Digital outputs	6	10	20
Digital inputs	2 + 2*	2*	2*
Analog outputs	4*	-	4*
Analog inputs	4*	-	4*
PWM	*	*	*
Bus networks	RS232*	RS232*	RS232*
Cable connection (std. length: 1.5 mtr / 3.18")	10-core	12-core	12 + 12-core
Dimensions (mm)	206,5 x 145 x 29 mm	206,5 x 145 x 29 mm	206,5 x 145 x 56 mm
Dimensions (inches)	8.12" x 5.70" x 1.14"	8.12" x 5.70" x 1.14"	8.12" x 5.70" x 2.20"
Weight	480 gram / 1.05 lbs	480 gram / 1.05 lbs	900 gram / 1.98 lbs

* On request

MARKETS & APPLICATIONS

 AGRICULTURE	 LIFTING AND HOISTING	 MARITIME
 CONSTRUCTION	 INDUSTRIAL CLEANING	 TRANSPORT
 INTRALOGISTICS	 INDUSTRIAL AUTOMATION	 MECHANICAL ENGINEERING

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