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AQUARIUS 2S

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

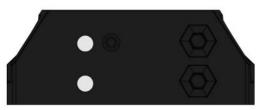
- 100-240V interface
- Mounting magnets
- Antenna extension cable



6F/10F bottom with 1 cable:



20F bottom with 2 cables:





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AQUARIUS 2S TYRO

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	

MARKETS & APPLICATIONS



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Ŀ	MARITIME
	TRANSPORT
ಂ	MECHANICAL ENGINEERING



* On request