

SCORPIUS 2S



COMPACT. CONFIGURABLE. MULTIPURPOSE.

The Scorpius 2S is a multipurpose industrial remote control receiver with flexible and configurable digital-minded capabilities. This makes it future-proof to suit all kinds of industrial applications. The Cat. 1 radio with PL-c certification ensures a safe, reliable and strong connection. Prewired cables make the installation plug-and-play.

The Scorpius 2S is a solid choice in all environments where space is a factor. Choose from two types of housing: a solid-cast IP68 water, impact and shockproof housing or an openable IP65 ABS housing.

KEY FEATURES

- IP68 fully-casted or IP65 ABS housing
- PL-c safety level (ISO13849-1)
- Pre-wired, plug-and-play (1.5m / 3.18")
- Duplex communication via Cat. 1 radio
- High level of configurability according to client requirements
- Global frequencies (434 MHz, 915 MHz)
- Optional interfaces (RS-232, CANopen, J1939)

OPTIONS

- IP68 or IP65 housing
- 6 additional outputs
- Tilt sensor (+I/O)
- CANopen, J1939 or RS-232 interface

ACCESSORIES

- High current power supply
- Mounting magnets
- Antenna extension cable



TYRO™ SCORPIUS 2S

TECHNICAL SPECIFICATIONS

FREQUENCY	434 MHz, 915 MHz				
ANTENNA	SMA				
COMMUNICATION MODE	Duplex				
TRANSMISSION POWER	10.0 dBm at 434 MHz, 915 MHz				
REACTION TIME	Approx. 0.1 second				
TRANSMITTERS PER RECEIVER	434 MHz, 915 MHz: Max. 10 receivers				
CERTIFICATION	ISO 13849-1 PL-c, CE, RED, EMC, LVD, ECE-R10				
DEGREE OF PROTECTION	IP68 (solid cast housing) or IP65 (ABS housing)				
TEMPERATURE RANGE	-40° to +80°C (-40° to +176°F)				
	DEFAULT (8 OUTPUTS)	+ 6 OUTPUTS	+ TILT SENSOR	+ TILT I/O	+ RS-232 / CANopen / J1939
MAX. CURRENT LOAD	4A per output, total max 10A				
MAX. SWITCHING VOLTAGE	8 - 36 VDC	8 - 36 VDC (2x)			
POWER SUPPLY	8 - 36 VDC	8 - 36 VDC (2x)			
DIGITAL OUTPUTS	8	14 (8 + 6)	8	10 (8 + 2)	-
DIGITAL INPUTS	-	4	-	-	-
ANALOG OUTPUTS	-	-	-	2	-
ANALOG INPUTS	-	-	-	-	-
BUS NETWORKS	-	-	-	-	RS-232, CANopen or J1939
SAFETY OUTPUTS	2	2	2	2	2
CABLE CONNECTION (STD. LENGTH: 1.5MTR/3.18")	15-core	15 + 10-core	15 + 6-core	15 + 6-core	15 + 4-core
	IP68 (SOLID CAST)			IP65 (ABS HOUSING)	
DIMENSIONS (MM)	211 x 178 x 33mm			279 x 150 x 60 mm	
DIMENSIONS (INCHES)	8.30 x 7.01 x 1.30 inches			10.98 x 5.90 x 2.36 inches	
WEIGHT	350 grams (0.77 lbs)			550 grams (1.21 lbs)	

