

IO_RECEIVER

Part of the IO_SERIES



Document no: D1070



IO_RECEIVER

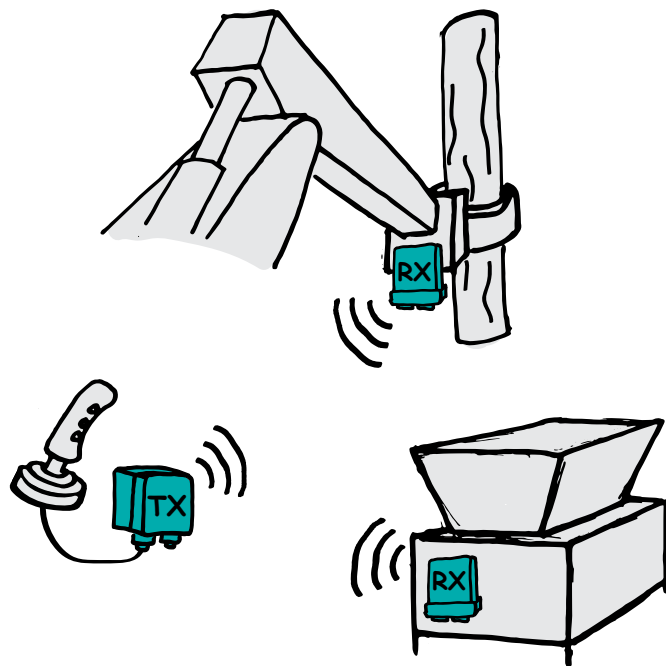
Compatible with the IO_Series transmitters for user to- (or machine) to machine wireless communication.

Holds a total of 20 pcs IO's that can be used as digital/PWM/Voltage (Danfoss) outputs or digital/analog inputs.

The onboard CAN bus can be used for connecting for example sensors and allows for controlling the IO_Receiver outputs.

Example:

Use the IO_Transmitter (TX) with joysticks and control hydraulic PWM valves wirelessly from the IO_Receiver (RX).



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Manufacturer	Tele Radio Finland Oy	
Brand name (Series)	IO_SERIES	
Model name	IO_Receiver	
Product code (Model no.)	IO_RX_8-4-1	IO_RX_20-8-1
TECHNICAL DATA		
Input voltage	8 - 32V DC	
Current consumption	50 mA internal + max 7.5 A (all outputs summed)	
Outputs	8 DO (or 3 PWM pairs + 2 DO), 3A	20 DO (or 8 PWM pairs + 4 DO), 3A
Digital inputs	4 high level, 5 - 32V	8 high level, 5 - 32V
Analog inputs	1, 0-10V	
Field bus	CAN	
Operating frequency	2.4 GHz (2.405 - 2.480 GHz as per IEEE 802.15.4)	
Ingress protection	IP66 / IP67	
Dimensions (WxLxH)	119 x 135 x 35 mm	
Connectors	ATM13 12PA - 12PB	
Weight	~ 300g	
Certifications	CE, FFC, IC, MIC	

TESTS

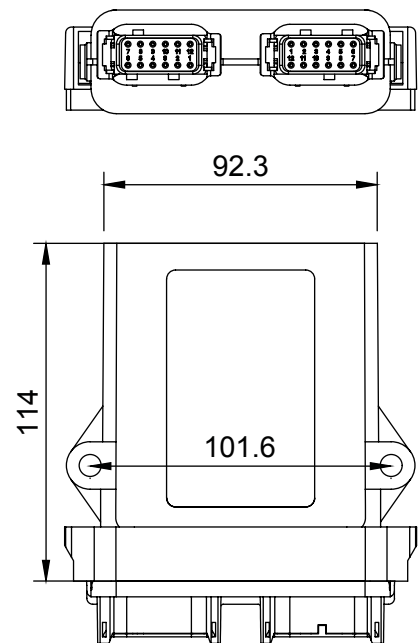
The IO_Receiver is EMC tested to comply with:

Emission tests: EN 61000-6-3, Residential, commercial, light industry.

Immunity tests: EN 61000-6-2, Industrial environment.

Emission and immunity tests according to E/ECE Regulation No. 10, Revision 6 (2019): Agricultural and forestry machinery (ISO 14982:1998) and earth-moving and building construction machinery (ISO 13766-1:2018)

Dimensions (mm):



CONTACT INFORMATION

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