



PAVO RECEIVER

THE TYRO PAVO: A SPECIALIST IN FEEDBACK FOR ADDITIONAL SAFETY!

The Tyro Pavo is a versatile, very fast, half-duplex receiver with a range up to 350 metres. Feedback on the transmitter offers the user additional safety. There will be no doubt as to whether the given command is processed, because you will receive a visible and audible confirmation at the transmitter within 0,1 seconds.

Due to its modular construction and the various PLCs, developed by Tyro itself, the Tyro Pavo is a very flexible receiver, suitable for a wide range of applications. The distinguishing factor of our PLCs, is that they have both digital and analog inputs and outputs up to 12 bits, free inputs and potential free relays.

After sending a command with the Tyro Corvus transmitter, you'll get feedback from the Pavo receiver through a LED and a buzzer signal on the transmitter. This gives you assurance that the application to be operated has processed the signal correctly, thereby increasing the safety at the workplace. (eg when operating a complex industrial plant)

- Optimal operational safety
- Half-duplex connection on the 868 MHz frequency (low occupancy)
- Feedback on the transmitter via LED and buzzer signal
- Extremely fast reaction time (<0.1 second)
- Range up to 250 metres
- Both digital and analog inputs and outputs
- Potential free contacts
- Available with a backlit keyboard and display
- Allowed for use on public roads
- High level of certification
(EMC-e11 Automotive / R&TTE / CE)
- Safety Cat. 3 / PL D (EN 945-1 / ISO 13849-1)

TECHNICAL SPECIFICATIONS

Frequency/communication	868 MHz / half-duplex connection (feedback on transmitter)
ID Safety code	Unique 24 bit (16 million combinations possible)
Reaction time	< 0.1 second
Operating voltage	10-38 Vdc / 230 Vac
Temperature range	-30°C / +75°C
Range under normal conditions	Up to 250 metres
Damp and dirt resistance	IP 66
Size (L x W x H)	160 x 150 x 60 mm
Weight	550 grams
Number of transmitter per receiver	Max. 1
Number of functions	2 - 36 functions
Out-of-range protection	Standard
Optional	Display, (backlit) keyboard, double key functions, key hold-down function

PLC (IO BOARD) 10 RELAYS + ANALOG

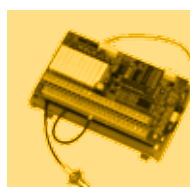
Digital output	10 relays, potential free contacts, max. 3A
Digital input	8 pieces, 10 - 40 Vdc input
Analog output	1 piece, 0 - 10 Vdc, 8 bit (12 bit possible)
Analog input	4 pieces, 0 - 10 Vdc, 8 bit (12 bit possible)
Optional analog output	4 pieces, 0 - 10 Vdc, 12 bit
Databus	2 x connection I ² C internal - 1 stuk I ² C external
Hardware settings	8 functions dipswitch

ACCESSORIES

Optional modules	RS-232, RS-485, CAN-bus
DIN rail	Optional
Antenna extension cable	Optional 1, 2 or 5 metres



The Tyro Pavo receiver can be equipped with a display and keyboard. Handy in case of loss or failure of the transmitter!



The Tyro Pavo is mounted in an IP66 enclosure but it can also be mounted on a DIN rail.



VERSATILITY MEETS RELIABILITY