

Auriga



The Auriga, the reliable and flexible all-rounder

The Auriga is a powerful and very reliable receiver that is compatible with all the Pyxis and Libra hand-held transmitters. The waterproof casing available with its own keyboard with lighting. The Auriga can be produced with a range of PLCs developed by Tyro, that can be used very flexibly, for diverse purposes. Digital, analog, emergency stops, free inputs, everything is present. What's more, the functions are easy to link. The Auriga is the ideal receiver for vehicle applications, industrial applications and agricultural equipment. Due to the high level of certification, the Auriga is even used as the first assembly for axle control.

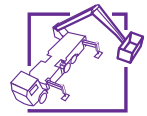
- Very high level of certification (E4 Automotive/95-54- EC/KEMA/EMC/ FCC/CE)
- Optimum operational safety
- Very quick reaction time. (0.1 sec.)
- Very powerful and reliable
- Standard up to 6 hand-held transmitters can be programmed simultaneously
- Up to maximum 36 functions
- Digital and analog inputs and outputs
- Very flexible
- Version available with keyboard and display

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Technical specifications	
Frequency	433,92 MHz
Reaction time	0,1 sec.
Power supply	8 - 38 Vdc
Resistance to temperature	From -30C° to 75C°
Reach in normal conditions	Minimum 50 to 100 metres reach
Resistance to damp and dirt	IP 66
Sizes	160 x150 x 60 (L x B x H)
Weight	850 grams
Protection against overload	10 Amp.
Maximum # transmitters	Up to 6 standard
Number of functions	Max. 36
Optional	Display, Keyboard, Keyboard lighting, Double function of keys, when pressed repeatedly, Key hold-down function
IO board (max. configuration)	
10 relays + analog	
Digital output	10 relays, potential free make contact, max. 3 Amp.
Digital input	8 x 10 - 40 Volt input
Analog output	1 x 0 - 10 Vdc, 8 bit
Analog input	4 x 0 - 10 Vdc, 8 bit
Data bus	1 x 2 connections I ² C internal - 1 x I ² C extern
Hardware settings	8-fold dipswitch
Accessories	
Stainless steel holder	Optional
Antenna extension cable 1-2 and 5 metres	Optional
DIN rail	Optional



Indoor-Infra



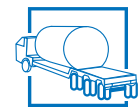
Vehicle applications



Industrial



Agriculture



Axle steering



Marine



Stainless steel holder



For use in combination with the Tyro Pyxis and Tyro Libra hand-held transmitters

KEMA
e4

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