

TITAN-570

Auto Pilot



TITAN-570

The TITAN-570 is the budget pilot of the TITAN-Line. With its compact design and most competitive price in the market, the TITAN-570 is able to fulfill all your needs.

This control instrument is applicable with a P-505 junction box and allows for two different ways of steering. These two steering methods are by R.O.T. pilot and by follow up steering.

TITAN:

The Radio Zeeland DMP TITAN line is a completely new navigation line which combines proven techniques with the modern day technology. The TITAN line is based upon its predecessors, the Falcon and Sigma line and combines the analogue and digital techniques into an extremely versatile navigation line. The new TITAN line is suitable for the new build as well as the replacement market.

Additions:

The TITAN-570 is an easily expandable pilot. With this pilot one is able to start with a follow-up steering system and let it grow to a full autopilot. Because of the ability to operate with 3rd party equipment, the TITAN-570 is an incredibly flexible system. On the OLED display in the TITAN-650, the rudder angle is indicated digitally, making it a complete pilot in combination with the P-505, P-100 and TITAN-570.

Design:

The TITAN-570 is a budget pilot, specially designed to save precious installation space. The configuration with the TITAN-650 is one of the smallest on the market.

Sensors:

The TITAN-570 autopilot operates in combination with the Radio Zeeland DMP Rate of turn sensor, but also in combination with third party equipment.

Steering:

The TITAN-570 autopilot offers standard steering outputs for almost every possible steering system.



Technical specifications

TITAN-570 unit housing specifications

Housing	Powder coated aluminum
Size	154 x 82 x 23 mm
Weight	Net weight 0,85kg
Protection	IP-50
Temperature	0 to + 55°C,
Humidity	0 to 90% non-condensing

Electrical specifications

Main power supply	18 – 36VDC through P-505 junction box
Backup power supply	18 – 36VDC through P-505 junction box
Amperage	< 1A

Optical specifications

Dimming range	0 – 100%
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In/out puts

- NMEA in IEC 61162
- External dimmer 15VDC PWM with a maximum of 150mA
- NMEA out IEC 61162 (ROT)
- Alarm out 24VDC/1A

Declaration of conformity

EN 60945 (IEC 60945: 2002, including corrigendum 1:2008) Chapters 9, 10, 11 and 12

P-100 Sensor specifications

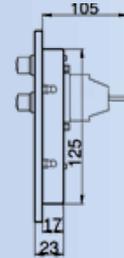
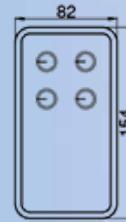
- Supply voltage: 12-36V DC.
- Current consumption: < 200mA.
- Non-contact magnetic recording angle.
- Resolution: 0,5°. - Zero-point adjustable over the entire field line.
- 360° mechanical and electrical rotation.
- NMEA RSA output signal (not galvanically separated) -
- 10V to +10V analog output, galvanically separated.
- DIP switch selectable port feedback unit or starboard feedback unit.

Scope of supply

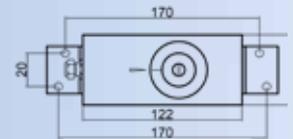
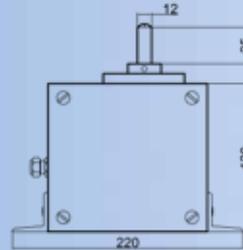
- The TITAN-570 Manual
- Operating unit TITAN-570
- TITAN-650 operating unit
- TITAN-650 Manual
- P-505 Junctionbox
- P-505 Manual
- P-100 Smart Rudder Angle Sensor
- P-100 Manual

Product is subject to change without notice

Dimensions in mm:



P-100 Sensor



TITAN-650



P-505 junctionbox

