

TITAN-950

Follow-up steering system



TITAN-950

The TITAN-950 is a follow-up steering system that can be expanded to a TITAN-570 pilot. The P-505 junction box makes connection to a TITAN-570 control instrument. This follow-up steering system is incredibly compact and is flexible because of the possibility to expand to a complete autopilot.

On the OLED display in the TITAN-650, rudder angle information is shown, which results in a compact Follow Up steering system.

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-950's P-505 junction box allows expansion to a TITAN-570 pilot by adding the TITAN-570. The TITAN-570 is an incredibly compact composition and a full worthy autopilot.

Design:

The TITAN-950 has a very compact design, that can be installed in the narrowest of spaces. The small device can be installed in armrests and has full functionality for follow-up steering.

Steering:

With the TITAN-950 makes use of follow up steering. This follow up steering system is ideal for future expansion.



TITAN-650

P-100

Technical specifications

Display unit housing specifications

Housing	Powdercoated aluminum
Size	154 x 82 x 56 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 fused @900mA self recovering
Backup power supply	18 – 36VDC fused @900mA self recovering
Amperage	< 1A (without repeaters)
Power consumption	< 1,0 A

Optical specifications

RAI scale	90° – 0° - 90°
Dimming range	5 – 100%

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.

P-505 Sensor specifications

- 2x Power supply 21-36 Vdc (main and backup supply) (Consumption less than 4 A at 24 Vdc)
- 1x 25 pin connector for the Sigma 570 control unit
- 1x Analog rudder angle input + repeater output (-10/+10 Vdc)
- 1x Analog R.O.T. signal input + repeater output (20mV per °/min.)
- 1x Outgoing power supply for P-100 (fused at 900mA)
- 1x Outgoing power supply for P-300 (fused at 2,5A)
- 1x Digital input for external rudder alarm
- 1x Digital input for external gyro alarm
- 1x NMEA0183 input for readout of RSA and ROT information
- 1x NMEA0183 output for transmitting RSA and ROT information
- 1x Bi-directional communication port for Sigma 650 connection
- 1x RJ45 Ethernet connection for service purpose
- 1x Relay output (Selectable as watch alarm reset / alarm output)
- 2x Steering output, suitable for common min, common plus, motor steering, field steering and Danfoss valve control.

Declaration of conformity

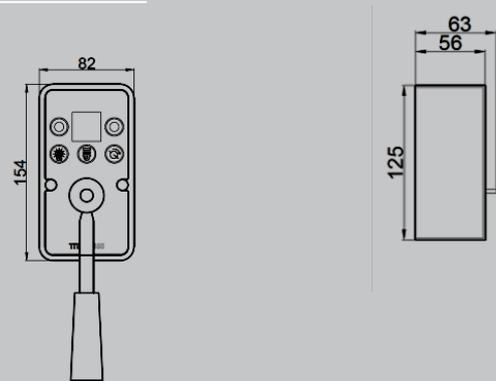
EN 60945 (IEC 60945: 2002, including corrigendum 1:2008)
Chapters 9, 10, 11 and 12

Scope of supply

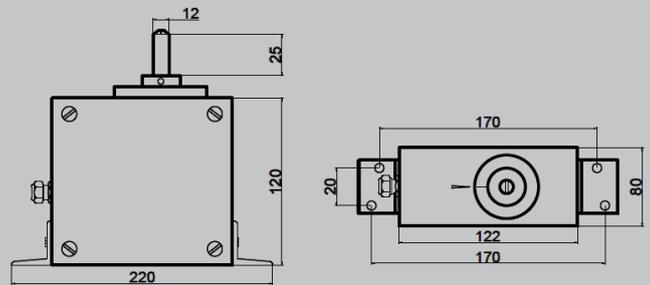
- Operating unit TITAN-650
- The TITAN-950 Manual
- P-505 Junction box + manual
- P-100 Rudder Angle Sensor
- P-100 Manual

Dimensions in mm:

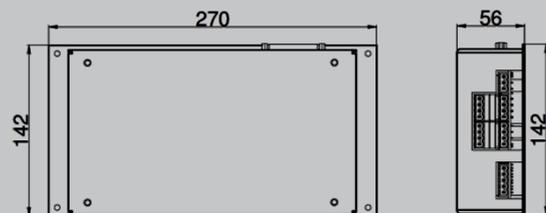
SIGMA-650



P-100 Sensor



P-505 junctionbox



Product is subject to change without notice.