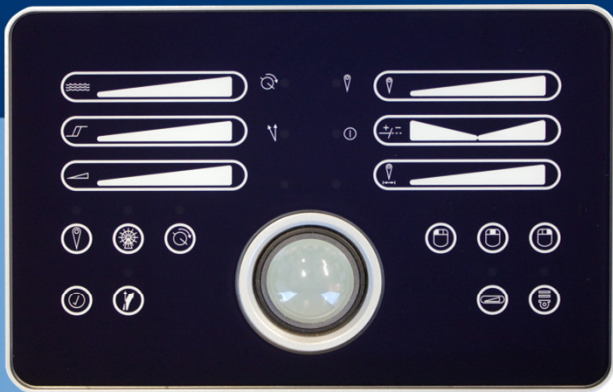


FALCON-560

Path pilot



FALCON-560:

The FALCON-560 path pilot combines familiar pilot properties with a unique path setting functionality. The desired path is set on a charting platform, using the FALCON-561 lever. Projecting the desired path requires less steering movements, resulting in a smoother steering behavior. The graphical presentation of the vessels path on the charting display offers insights to the operator, previously unheard of.

FALCON:

The FALCON-Line is the future generation of navigational equipment for commercial inland shipping industry. The black glass finish has a futuristic look and the entire FALCON system is connected to an Ethernet network.

Requirements:

The system is suitable for proportional and on/off steering gears. The set only requires a suitable charting platform and a suitable DGPS compass sensor.

Sensors:

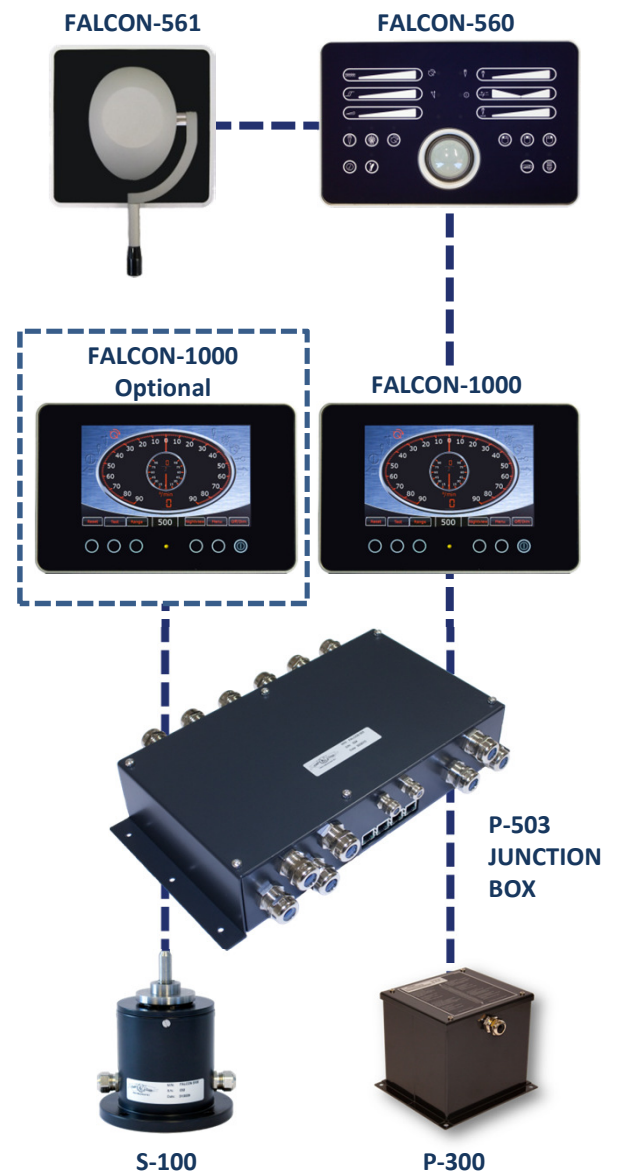
The FALCON-560 operates with the S-100 smart rudder angle sensor and the P-300 Rate Of Turn sensor.

The S-100 indicates all rudder angles without the use of sliding contacts, resulting in a long and reliable lifespan.

Dimming:

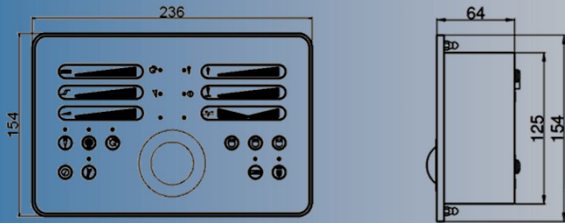
The FALCON-100 and 300 display units and the FALCON-560 are fitted with a dimming system. These units can be dimmed synchronized. Even when the displays are used as repeater units, the dimming of the main unit and the repeater can be synchronized.

The FALCON-560 is approved under number E-04-102

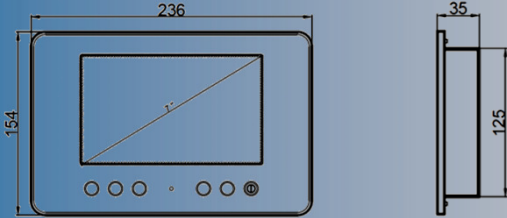


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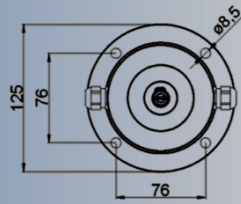
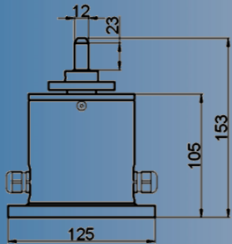
SIGMA-560 dimensions in mm:



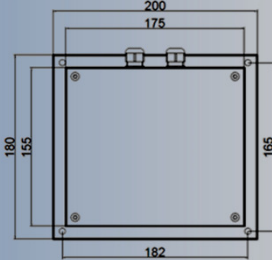
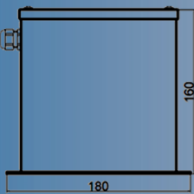
SIGMA-300



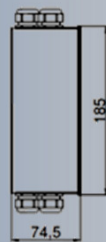
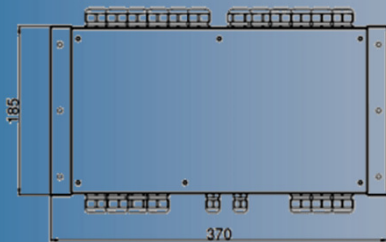
S-100



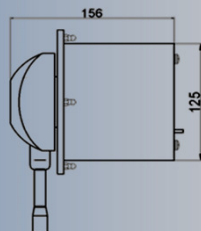
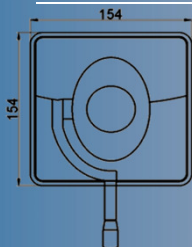
P-300



P-503



SIGMA-561



Technical specifications

Display/Control unit housing specifications

Housing	Clear anodized aluminum
Size	236 x 154 x 64/80 mm
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

Outputs SIGMA-560

- External dimmer 15VDC RWM with a maximum of 150mA
- Repeater -1 - 0 - 1mA
- NMEA out IEC 61162 (ROT)

Other

- Gyro alarm
- Course alarm
- Rudder system alarm
- Pointer by use of trackerball
- Dimming capability 5 to 100%

Declaration of conformity

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

Scope of supply

- The FALCON-560 Manual
- Operating unit FALCON-560
- Operating unit FALCON-561
- Display unit FALCON1000 manual
- Display unit FALCON-1000
- P-503 Manual
- P-503junctionbox
- S-100 Smart Rudder Angle Sensor manual
- S-100 Smart Rudder Angle Sensor
- P-300 Smart Gyro Manual
- P-300 Smart Gyro
- Assembly set

Product is subject to change without notice.

Dealer:

