

AUTOPILOT EBF02



This modern autopilot system consists of a robust IP65 rudder feedback unit, a compact processing unit and a clear, functional control panel unit.

The usage of a high integrated microcontroller system makes possible a high precision and reliable regulation of rudder position and rate of turn, joined with easy operating.

Follow up mode and AUTO mode (rate of turn regulation) are the two standard modes. Compass mode and remote control are optional available.

Different software versions are provided regarding the vessel type and the type of on board hydraulic system.

All housings are of full metal for heavy duty usage and improved emc shielding.

Providing safe operation there are four optical and acoustic alarms:
Rate of turn, rudder, power supply and out of course.

This system is suitable for rudder hydraulic systems with proportional or on/off valves, analog servo rudder systems like Schottel, Veth or HRP and modern electronic valves like Danfoss, Bosch, SAM etc.

Specifications

Operating modes:

Automatic
Follow up
Compass (option)
Remote control (option)

Steering interface:

on/ off valves
proportional valves
servo analog $\pm 10V$
electronic valves

Alarms:

Course (8 seconds)
Rudder fail (2,5 sec.)
Rate of turn
Power fail

Dimensions:

Control panel unit
160x160x100 mm
Processing unit:
210x160x130 mm
Rudder feedback unit:
121x120x80mm

Supply voltage range:

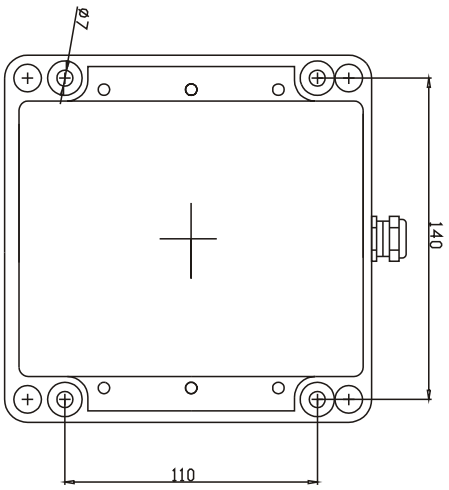
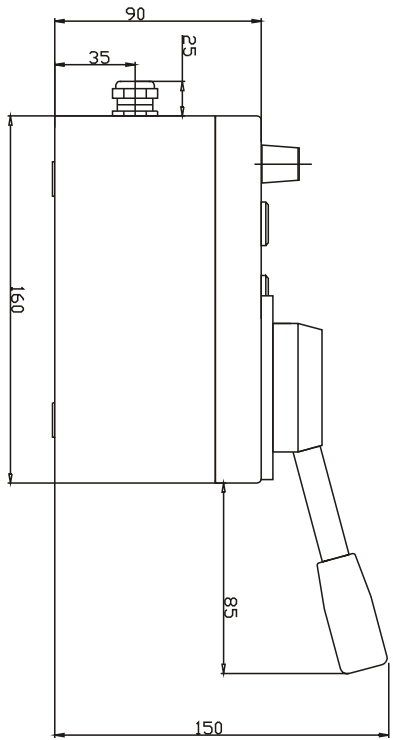
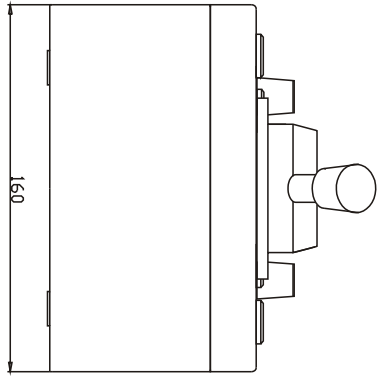
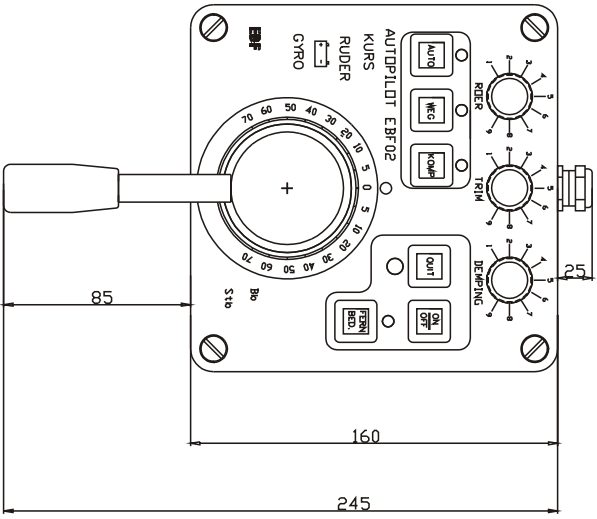
18VDC...32VDC, max. 3Amp.

Temperature range:

0°C... +40°C
-10°C... +70°C (Option)

Certifications:

ZKR (RheinSchUO)
IEC 60945



EBF pilot
14.05.04

