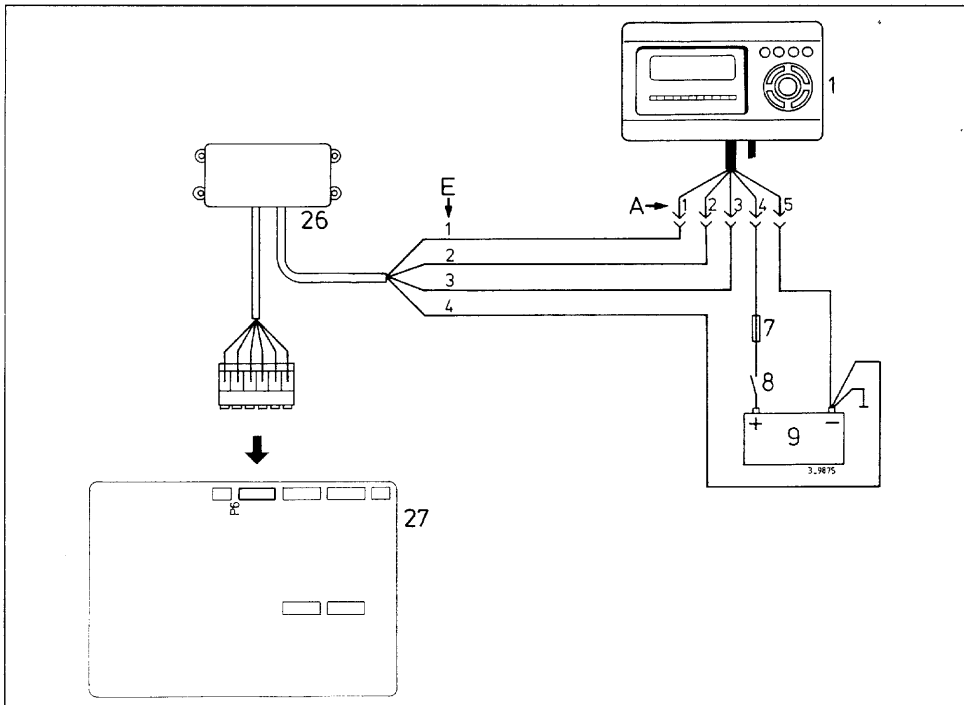


Connection of autopilot to Vetus Electro Hydraulic Steering model EHS70 or EHS120



Parts description

- 1 Display and control unit
- 7 Fuse 10 A
- 8 On/Off switch
- 9 Battery
- 26 Interface for autopilot - EHS ('EHSAPIF')
- 27 Control box EHS

Wiring colour code:

E1	Red	-	A1	Black	Motor output 1
E2	Black	-	A2	Black	Motor output 2
E3	Yellow	-	A3	Green/Yellow	By-pass valve/Clutch output
			A4	Brown	Battery positive (+)
E4	Blue	-	A5	Blue	Battery negative (-)

Parts description

- | | | | |
|----|------------------------------|----|----------------------|
| 1 | Display and control unit | 11 | Main switch |
| 2 | Motor | 12 | Cylinder |
| 3 | By-pass valve | 13 | GPS Receiver |
| 4 | Clutch | 14 | Repeater |
| 5 | Solenoid operated valves | 15 | Fluxgate compass |
| 6 | Power relay | 16 | Rudder feedback unit |
| 7 | Fuse 10 Amp. | 17 | Extra buzzer |
| 8 | On/Off switch | 18 | Fuse 500 mAmp. |
| 9 | Battery | 19 | Light switch |
| 10 | Fuse, rating acc. EHP specs. | | |

Wiring colour code:

- | | | |
|----|--------------|--|
| 1 | Black | Motor output 1 |
| 2 | Black | Motor output 2 |
| 3 | Green/Yellow | By-pass valve / Clutch output |
| 4 | Brown | Battery positive (+) |
| 5 | Blue | Battery negative (-) |
| 6 | Violet | $\text{Cos } 0 [(2.5 + \cos \alpha)\text{Volt}]$ |
| 7 | White | $\text{Cos } 1 [(2.5 + \cos \alpha)\text{Volt}]$ |
| 8 | Brown | $\text{Sin } 0 [(2.5 + \sin \alpha)\text{Volt}]$ |
| 9 | Black | $\text{Sin } 1 [(2.5 + \sin \alpha)\text{Volt}]$ |
| 10 | Yellow | V ref. (2.5 Volt) |
| 11 | Red | + 5 Volt |
| | Brown | - to Rudder feedback unit |
| 12 | Blue | Analog ground |
| 13 | Green | Rudder feedback signal |
| 14 | Orange | Extra buzzer |
| 15 | Grey | NMEA IN 'Data' |
| 16 | Turquoise | NMEA IN 'Ground' |
| 17 | Pink | Display lights |



Parts description

and



Wiring colour code

for wiring diagrams



vetus den ouden n.v.

FOKKERSTRAAT 571 - 3125 BD SCHIEDAM - HOLLAND - TEL.: +31 10 4377700 - TELEX: 23470
TELEFAX: +31 10 4372673 - 4621286 - E-MAIL: sales@vetus.nl - INTERNET: <http://www.vetus.nl>

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