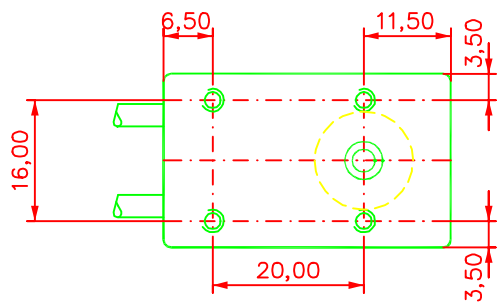


Connector 15 Pin D-Sub

- 1 Drive Coil black (1) low Shield
- 2 Drive Coil transparent (1) high
- 3 Position Output negativ transparent (2)
- 4 Ground (GND) black (2) Shield
- 5 Heater +/- red (1) } 86 Ohm
- 7 Heater (low) blue (1) }
- 8 Oscillator supply volt. 12 VDC red (2)
- 9 Drive Coil black (1) low Shield
- 10 Drive Coil transparent (1) high
- 11 Position Output positiv blue (2)
- 15 Thermistor +/- yellow (2)  
500 Ohm at 25 deg. cel.

(1) = Cable 1  
(2) = Cable 2

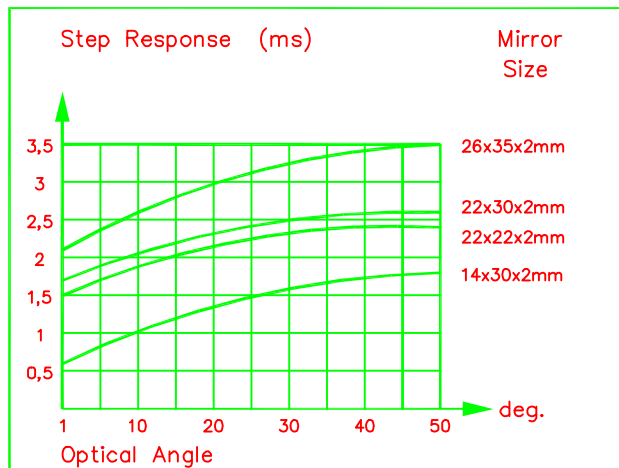
Scanner Connections 15 Pin D-Sub  
Cables 300 mm long



**Caution**  
Don't screw in the upper fixation screw deeper than **5mm** otherwise the inner parts will be destroyed.

**Specifications**

|                                |                  |
|--------------------------------|------------------|
| Optical Angle (deg.)           | 50               |
| Coil Resistance parallel (ohm) | 3,2              |
| Linearity (%)                  | +/-0,2           |
| Repeatability (mrad)           | 0,10             |
| Zero Drift (mrad/deg. cel.)    | 0,60             |
| Wobble (mrad)                  | 0,02             |
| Maximum Torque (Nm)            | 0,06             |
| Typical Mirror Size (mm)       | up to 25x35x2    |
| Life time (cycles)             | 10 <sup>10</sup> |
| Weight (g)                     | 200              |



Measured with LSK Scanner-Driver and Mirrormount.