

HARPS CALIBRATION UNIT

7. Fiber carriage unit = 38 Pins (10 control + 28 signal)

Motor + Tacho = 5 c Pins
Encoder = 10 s Pins
2 Limits = 4 s Pins

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8. Halogen lamp unit = 6 Pins (4 control + 2 signal)

Lamp = 2 c Pins
Status + shield = 2 s Pins
VCC = 2 c Pins

9. Hollow cat lamp unit 1 = 4 Pins (2 signal + 2 status)

Status + shield = 2 s Pins
VCC = 2 c Pins

10. Lamp 1 connector = 2 HV Pins

11. Hollow cat lamp unit 2 = 4 Pins (2 signal + 2 status)

Status + shield = 2 s Pins
VCC = 2 c Pins

12. Lamp 2 connector = 2 HV Pins

Total 34 signal lines + 18 control lines + 4 HV lines