

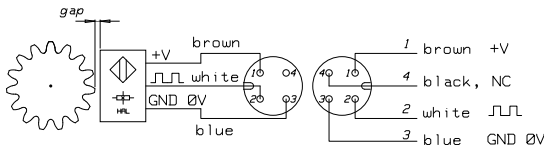
# F12A GREEN LINE Zero-Speed Hall Effect Sensor

Housing: M 12 x 1 Connector: M12x1 standard / 4 pins

**GREEN LINE**  
STANDARD SPEED SENSORS

P/N: 385Z-05322

- Supply voltage:** 8...25 VDC
- Signal output:** Square wave signal from NPN output transistor with 2.7 kOhm pull-up, DC-coupled to the supply (negative pole = reference voltage) Max. load 25 mA. Output voltage HI : power supply voltage. Output voltage LO: < 0.5 Volt at I = 25 mA.
- Operating temperature:** -20....+ 100 °C
- Frequency range:** 0 Hz...15kHz
- Connector:** Euro M12 thread 4 pin connector
- Air gap:** For pole wheels M1 (DP 25.4): 0.3 ... 0.5 mm and M2 (DP 12.7): 0.3 ... 1.5 mm
- Installation:** The sensor wires must be laid as far as possible from electrical motors, relays, solenoids, etc., and must not be run parallel with power cables. The maximum recommended cable length is 20 meters (65 feet). Using radial or axial mounting, the sensor should be mounted with the center of the sensor face over the center of the gear teeth or targets. Using radial sensor mounting, some axial movement is permissible when using a sufficiently thick target. **A solid and vibration free mounting of the sensor is important.**
- Connecting diagram:**



For complete operating instructions please visit our website [www.jaquet.com/greenline](http://www.jaquet.com/greenline)

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