

Y12AD GREEN LINE Dual Hall Effect Speed Sensor

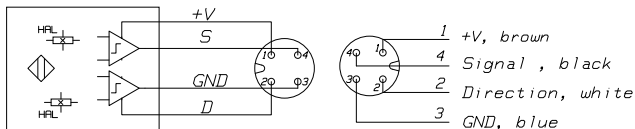
Housing: M 12 x 1 Connector: M12x1 standard / 4 pins

GREEN LINE
STANDARD SPEED SENSORS

P/N: 385Z-05335

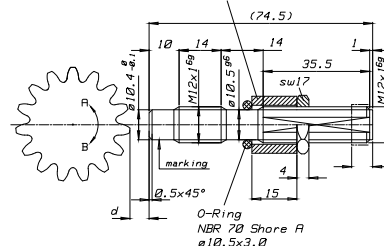
- Supply voltage:** 11...32 VDC
- Signal output:** 1 square wave signal and 1 direction signal. Open Collector outputs with 10kOhms pull-up, I_{max} = -20mA. The sensor is able to drive the coil of a relay by using a simple current limiting resistor. No additional protection against voltage peaks are needed. Limit values: I sink <70mA, L <800mH
- 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): 0.1 ... 0.5 mm and M2 (DP 12.7): 0.1 ... 1.5 mm
- Installation:** The sensor wires must be laid as far as possible from large electrical machines. They must not be run parallel in the vicinity of power cables. The maximum permissible cable length is 20m (65 feet). The sensor should be mounted with the middle of the face side over the middle of the pole wheel. Where the pole wheel has teeth or slots and with radial sensor location, the sensor would normally be mounted over the centre. Dependent upon the wheel width a degree of axial movement is permissible. **A solid and vibration free mounting of the sensor is important.**

Connecting diagram and sensor orientation:



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For complete operating instructions please visit our website www.jaquet.com/greenline



IN CHARGE OF SPEED