Inductive Speed Sensor 94301

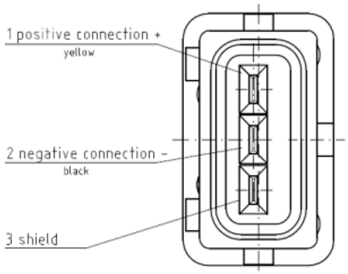
The KYOCERA AVX 94301 speed sensor is designed for reliable rotational speed detection in demanding automotive and industrial environments. Based on passive inductive sensing technology, it provides a robust solution for monitoring rotating components and motion-related system functions. The sensor is especially suitable for applications where stable signal generation, mechanical durability, and long-term reliability are essential. Its compact sensor design supports integration into systems exposed to vibration, temperature variations, and challenging operating conditions. For OEMs, engineers, and system integrators, the 94301 offers a dependable speed sensing solution for drivetrain, machinery, and motion control applications.

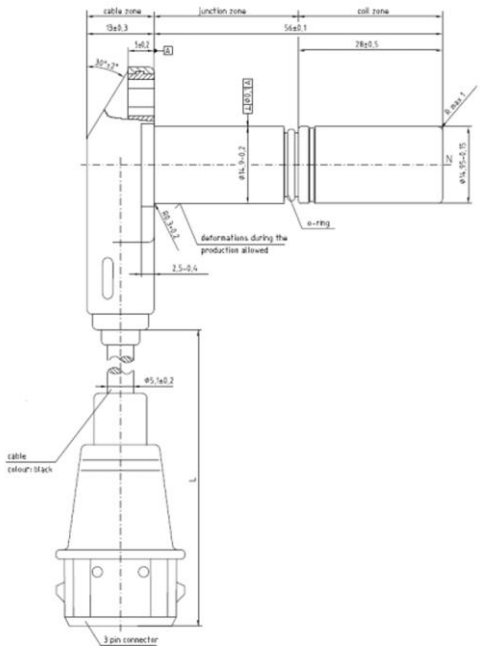
Special Features

- Passive inductive sensing technology
- Coil resistance 920 Ω
- Inductance 0.81 H
- Operating temperature: -40 to +110 °C
- Mounting hole: 15 H7
- Shaft length: 56 mm
- Connector: 3-pin Mini-Timer
- Cable length: 380 mm or 610 mm available

Typical Applications

- Rotational speed detection in automotive and industrial systems
- Monitoring of rotating shafts and drivetrain-related components
- Speed and motion feedback in compact mechanical assemblies





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