Fast Facts

Hall-effect Speed Sensor 94220

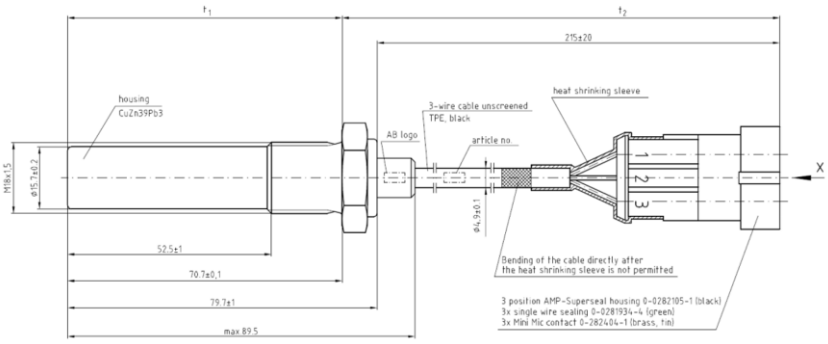
The KYOCERA AVX 94220 speed sensor is designed for reliable rotational speed detection in demanding automotive and industrial environments. The 94220 is based on Hall-effect speed sensing technology, enabling contactless and precise speed signal detection. The sensor is especially suitable for applications where stable output behavior, high frequency capability, and long-term reliability are essential. Its robust threaded design supports secure integration into mechanically demanding systems exposed to vibration, temperature changes, and harsh operating conditions. For OEMs, engineers, and system integrators, the 94220 offers a dependable Hall speed sensor solution for drivetrain, machinery, and motion control applications.

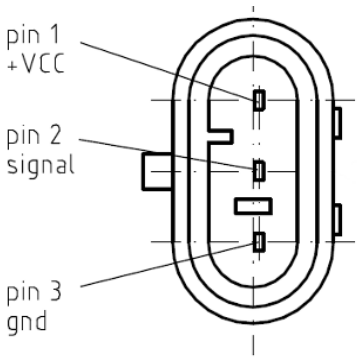
Special Features

- Hall-effect technology
- Supply voltage: 4.5 to 24 V DC
- Speed range: 0 to 7,500 Hz
- Output: open collector (max supply current of 5 mA)
- Operating temperature range: -40 to +130 °C
- Mounting thread: M18 x 1,5
- Shaft length: 70.7 mm
- Connector: AMP Superseal 3-pole
- Protection rating: IP65

Typical Applications

- Rotational speed detection in automotive and industrial systems
- Crankshaft and drivetrain-related speed sensing using contactless Hall technology
- Speed feedback for machinery, drive systems and mechanical assemblies
- Motion and position-related signal detection in demanding operating environments





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