

Hall-effect rotational-speed sensors (contd.)
Housing version

712-0692

Design and function

This is the housing version of the Hall-effect rotational-speed sensor described on Pages 14/15 (Part No. 1 232 324 294). The housing with sensor contains a trigger wheel with a single vane opening. This means that the Hall sensor generates a single rectangular-pulse signal for each complete revolution of the trigger wheel.

Installation instructions

Two capacitors (4.7 nF) are installed. One between Terminal 0 (zero) and Terminal - (negative), and the other between Terminal + (Plus) and Terminal - (negative). It is imperative that attention is paid to correct polarity when connecting.

Pin assignment

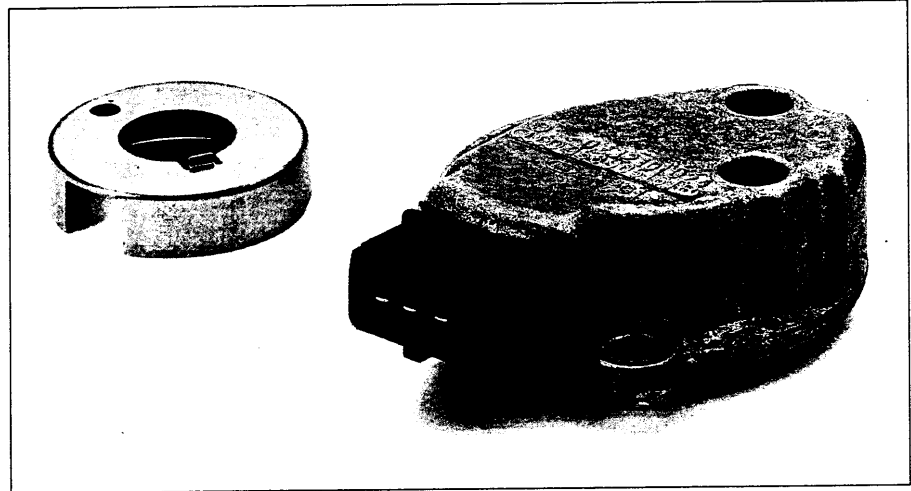
- Ground
- ∅ Output voltage (open collector)
- + Supply voltage (positive)

Range

Hall-effect rotational-speed sensor, in housing	0 232 101 024
Trigger wheel	1 231 328 103

Accessories

Connector	1 928 402 579
Protective cap	1 280 703 022



Dimension drawings

- B Rotor
- ∅ Oil drain hole
- S Socket
- BM Dimension to reference center A
- ML Center of gap

