

## Speed Sensors



### Applications

- Brake, gear and clutch speed sensors

### Customer benefit

- Speed recognition
- Direction recognition

### Features

- Active sensors with integrated Hall sensor
- High media resistance
- Signals for forward and reverse operation
- Customised interfaces

### Technical data

#### Active sensors

Nominal diameter of housing	11 mm
Thermal application area of sensor head	-40 °C - 130 °C
Sensor field spider gap	0.45 - 2.65 mm
Protection class of sensor head	IP68 according to DIN 60529
Electrical contact	Flying leads, HDSCS connector
Supply voltage	4.3 - 24 V DC
Current state	low current state 4 - 9 mA high current state 12 - 18 mA
Maximum rotation frequency	12 kHz clockwise 6 kHz anticlockwise
Duty cycle	100 %

#### Inductive sensors

Nominal diameter of housing	11 mm
Thermal application area of sensor head	-40 °C - 130 °C
Sensor field spider gap	0.7 mm
Protection class of sensor head	IP68 according to DIN 60529
Electrical contact	Flying leads, HDSCS connector
Effective output voltage	> 115 mV
Electrical resistance	1,150 ohms

### Detailed information requested?

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