

HALL EFFECT SPEED SENSOR SVH

Differential Hall Effect speed sensor gives an output when subjected to a changing magnetic field, which is set up by a magnet inside the sensor body. The field changes when ferromagnetic elements are passed beneath the sensor. Phonic wheels with multiple teeth are typical targets.

Mechanical specs: fully machined aluminum body, blue anodized; motorsport wires and tubing. Handmade assembly.

90° cable exit and straight versions (SVH-S) available.



TECHNICAL SPECIFICATIONS:

◆ Supply Voltage:	5 ÷ 18 Vdc
◆ Working distance:	up to 4 mm depending on targets material (magnets ensure highest gaps)
◆ Max frequency:	up to 5 KHz
◆ Max output current:	25 mA
◆ Current consumption at 12Vdc:	< 20 mA
◆ Output voltage:	0÷3,77 V (supply= 5V) ; 0÷9,80 V (supply= 12V)
◆ Temperature range:	-30°C ÷ +110°C
◆ Weight:	≈ 26 g
◆ Protection:	IP67
◆ Cable length:	~1000 mm
◆ Connection:	BLACK GND RED Supply WHITE Signal Connector on demand

