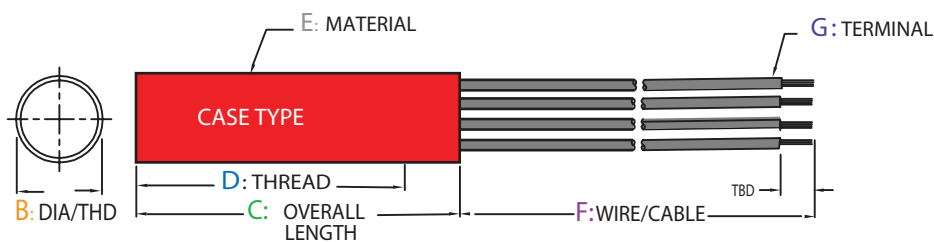


VD Part Number Nomenclature

The standard part number includes the sensor type, case type, case diameter, terminal type as well as any special modifications.

Please contact Sensoronix if you need more detailed information.



CASE TYPES	DESCRIPTION	A
	SMOOTH	0
	ALL THREAD	1
	HEX HEAD	2
	KNURL HEAD	3
	CONNECTOR HEAD	4
	WRENCH FLAT HEAD	5
	SMOOTH / THREAD	6
	WITH FLANGE	7

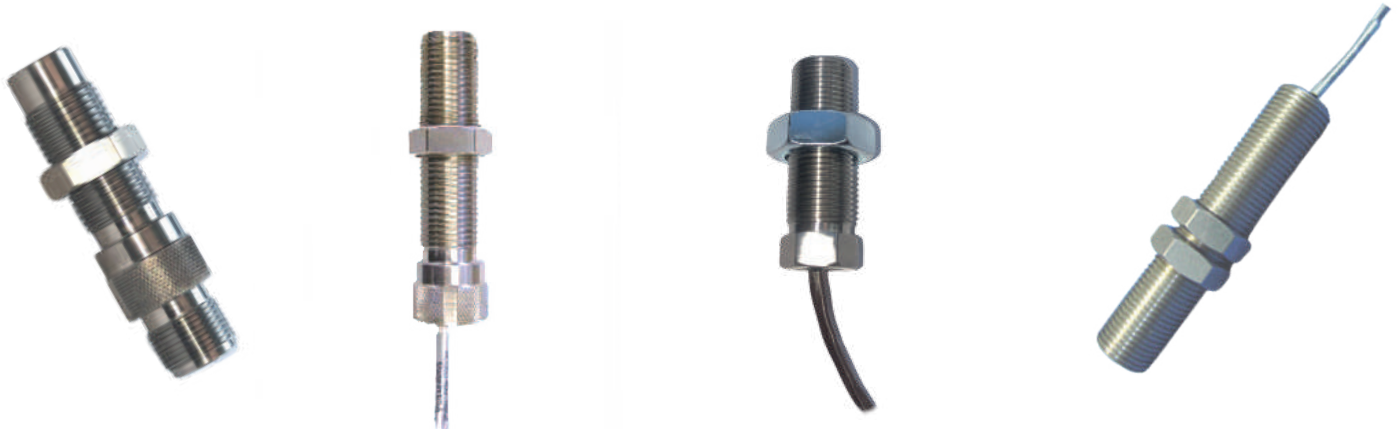
VR Speed Sensor w/ Digital Output				VD	X	X	X	-	X	X	0	Fixed Number (0)	
Case Type												Vary With Special Modifications	
Case Diameter "B"												Terminal "G"	
1/4" (0.250")	2X	METRIC										Connector	0
3/8" (0.375")	3X	M-8	08									Conn. & Wire	1
15/32" (0.468")	4X	M-12	12									Conn. & Cable	2
1/2" (0.500")	5X	M-16	16									Lead Wires	3
5/8" (0.625")	6X	M-18	18									Cables	4
3/4" (0.750")	7X	M-20	20										
7/8" (0.875")	8X	M-22	22										
Others	9X												



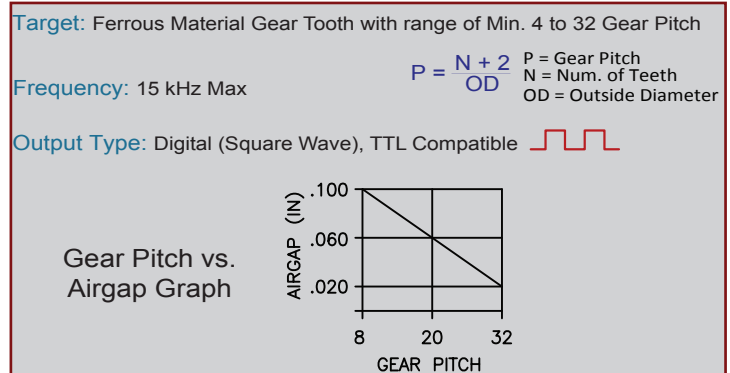
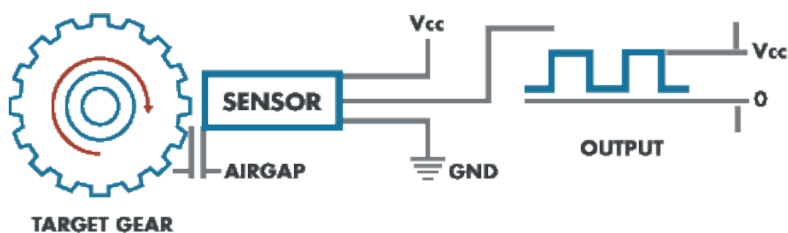
AS9100
CERTIFIED
ISO 9001



VR Speed Sensor W/ Digital Output (VD)



Due to the active solid state signal conditioning integral with this variable reluctance speed sensor, it converts a sine wave signal output to produce a digital square wave signal with constant amplitude regardless of variations in speed.



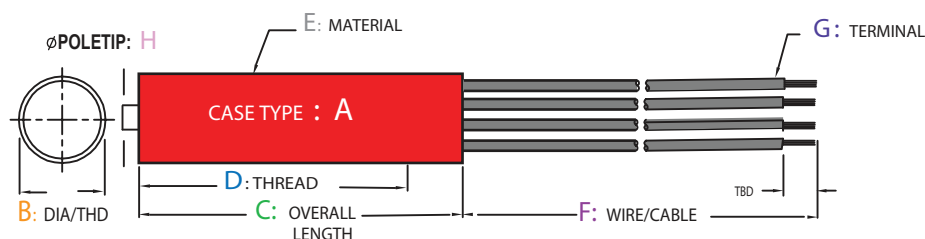
Example of Common Applications

Power Generation, Automotive, Aerospace, Railroad & Mining

Applications: Wind Turbines, Generator, Engine, Golf Cart, Airplane, Flow Meter, Race Car, Truck, Motorcycle, Boat, Helicopter, Crankshaft, Transmission, Engine, Tractors, Hydraulics, Locomotive, Golf Carts, Off Road Equipment, Construction Equipment.



Standard (VD) Products Available



Please contact Sensoronix for more detailed information on the standard sensors listed below.
All products are custom designed to meet your exact specification requirements.

PART #	MECHANICAL SPECIFICATIONS							ELECTRICAL SPECIFICATIONS						ENVIROMENT	
	A	B	C	D	E	F	G	INPUT VOLTAGE (VDC)	INPUT CURRENT (mA)	VOUT HIGH (VDC)	VOUT LOW (VDC)	OUTPUT CURRENT (mA)	PULL UP RESISTOR (K Ohm)	FRONT SEALED	TEMP RANGE (°C)
5/8" Diameter Series															
VD360-400	3	5/8 - 18	2.72	2.14	303 S.S.	72 ± 2	22 AWG, 3 CON. CBL. W/ SHLD, PVC INS.	5 to 25	10	V Input	0.4	7 Sink	2	Epoxy	-40 to 125
VD460-000	4	5/8 - 18	3.00	1.88	303 S.S.	-	3 PINS BENDIX CONN: MATE W/ MS3106A	5 to 25	10	V Input	0.4	7 Sink	2	Epoxy	-40 to 125
3/4" Diameter Series															
VD270-400	2	3/4 - 16	2.34	2.00	303 S.S.	120 ± 1	22 AWG, 3 CON. CBL. W/ SHLD, PVC INS.	5 to 25	10	V Input	0.4	7 Sink	2	Epoxy	-40 to 125
M12 Diameter Series															
* VD312-400	3	M12 x 1.0	4.06	3.00	303 S.S.	72 ± 1	22 AWG, 3 CON. CBL. W/ SHLD, TEFF INS	5.5 to 36	12	V Input	0.6	20 Sink	4.7	303 S.S.	-40 to 125

*Electrical Protections

Supply Voltage : 40VDC

Reverse Polarity : -50V Reverse Transient

Load Dump : 60V

