

Sensori di velocità ad effetto Hall CAN BUS

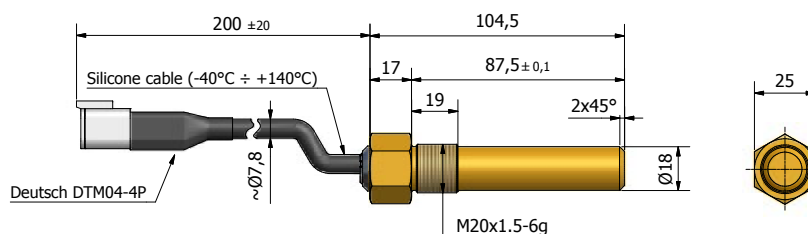
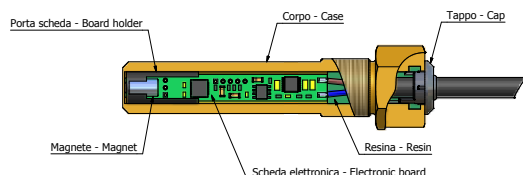
CAN BUS Hall effect speed sensors



- Lunghezza sotto testa esagonale variabile su richiesta
- Impiegabili nei settori automotive, agricolo, movimento terra, industriale, ferroviario, nautico e – su richiesta – militare.

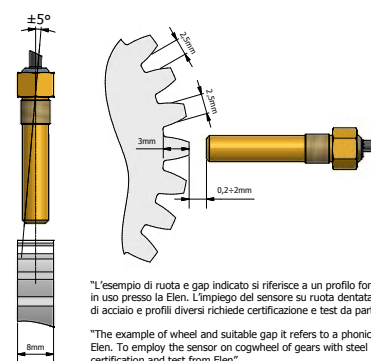
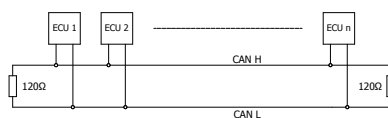
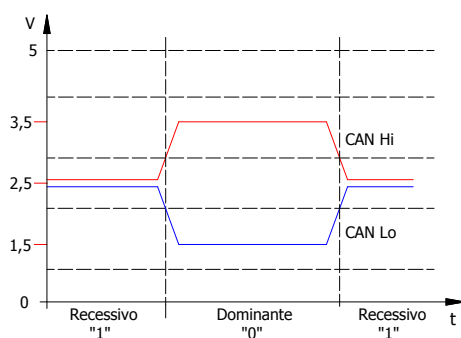
- Customizable under-head body length on demand
- Applicable in automotive, agricultural, earth-moving machinery, industrial, railway, nautic and – on demand – military fields.

DIMENSIONS



APPLICATIONS

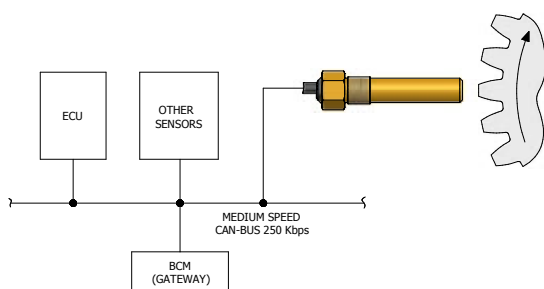
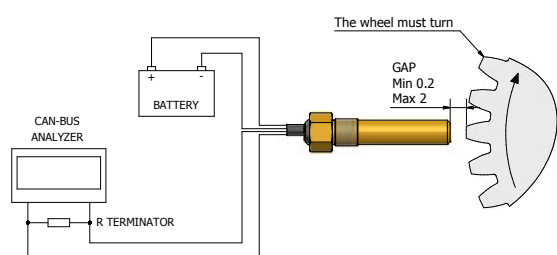
Output signal



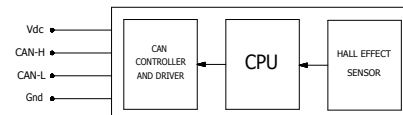
"L'esempio di ruota e gap indicato si riferisce a un profilo fonico di materiale ferroso in uso presso la Elen. L'impiego del sensore su ruota dentata d'ingranaggi con leghe di acciaio e profili diversi richiede certificazione e test da parte della Elen"

"The example of wheel and suitable gap it refers to a phonic profile of ferrous material used in Elen. To employ the sensor on cogwheel of gears with steel alloys and different profiles needs certification and test from Elen"

Connection diagrams



SENSOR FUNCTIONAL SCHEME



SPECIFICATIONS

CHARACTERISTICS	VALUE
Zero speed sensor:	-
Power supply:	9 ÷ 30 Vdc
Frequency:	15 KHz
Output signal(freq.):	cyclic CAN-BUS messages
Housing material:	OT58 lathed
Tightening torque:	25 Nm
Operating temperature:	-40 °C ÷ + 125 °C
Storage temperature:	-40 °C ÷ + 125 °C
Overvoltage protection:	36 Vdc for 5'
reverse polarity protection:	- 30 Vdc for 1h
Degree of protection:	IP67; ref. IEC 60529
Vibrations resistance:	1mm/100Hz (~8g); ref. EN 60068-2-6
EMC compatibility:	BCI CLASS "A" 100mA; 1-400 MHz; ref. ISO11452-4 (2005)
Resistance to corrosive environments:	yes; ref. EN 60068-2-11
Output pins are protected against 2000V electrostatic discharge rif. according to hbm: mil-std-883; method 3015	

CAN BUS CHARACTERISTICS

Fixed network address	
Repetition transmission every:	50 ms
Network physical address:	141 (0×8D)
Output message identifier:	0xCFFE08D
PGN:	0xFFED
Priority:	0×03
Destination:	all