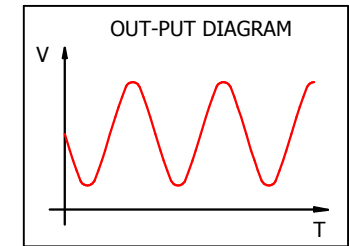
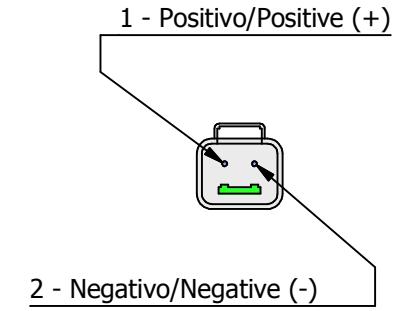
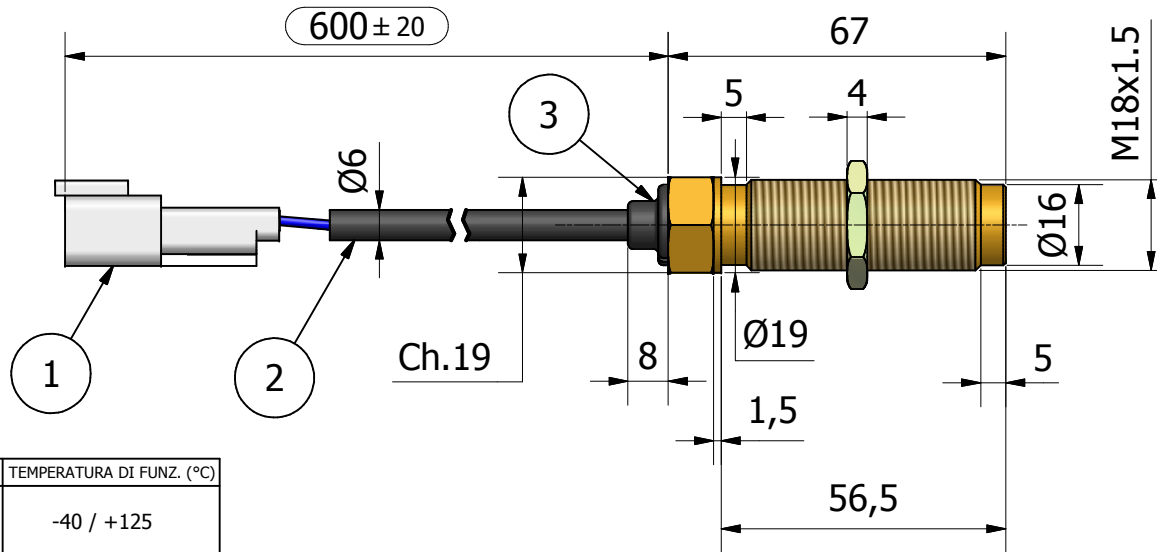
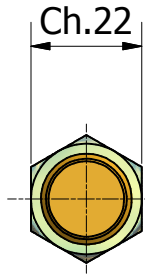
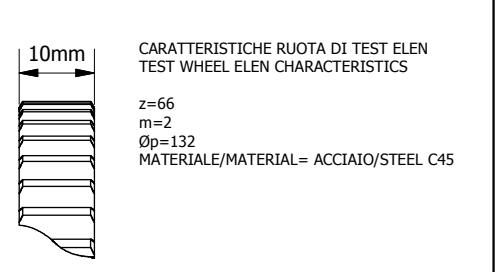
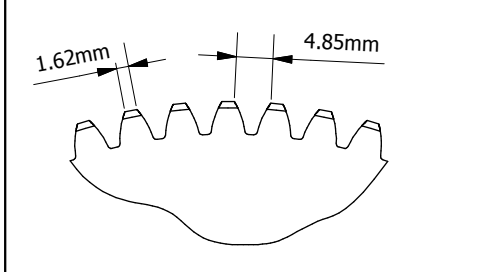
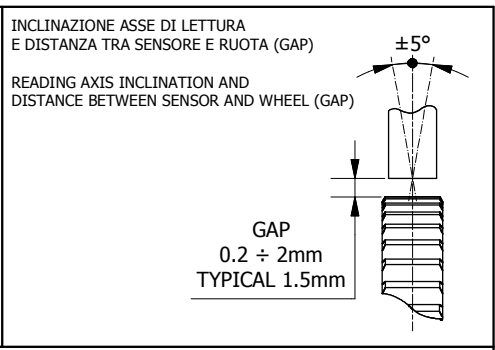
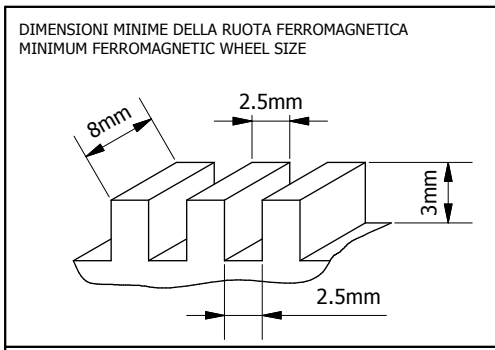


SENSORE INDUTTIVO PER LA MISURA DI GIRI/VELOCITA' IN RUOTE FONICHE O DENTATE
INDUCTIVE SENSOR FOR MEASUREMENT OF SPEED/RPM FROM PHONIC WHEEL OR GEAR WHEEL



RESISTENZA ESTERNA DI CARICO 10kOhm
 EXTERNAL LOAD RESISTOR 10kOhm

RIF.	DESCRIZIONE	TEMPERATURA DI FUNZ. (°C)
1	CONNECTOR DEUTSCH DT04-2P	-40 / +125
2	CAVO/CABLE HT105°C Ø6mm	-40 / +105
3	TAPPO IN NYLON 6.6 NYLON 6,6 CAP	-30 / +130



APPLICAZIONI TIPICHE - SENSORE PER USO AUTOMOTIVE
TYPICAL APPLICATIONS - AUTOMOTIVE SENSOR

- SENSORE PER ALBERO A CAMME
CAMSHAFT SENSOR
- SENSORE PER RUOTA DENTATA
GEARTOOTH SENSOR
- ENCODER LINEARE
LINEAR ENCODER
- ENCODER ROTATIVO
ROTARY ENCODER

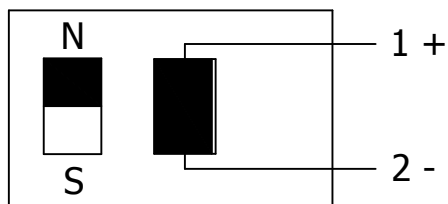
REV.	DATA	FIRMA	DESCR. ULT. REV.
			ELEN srl Viale Forlanini 71 Garbagnate Milanese (MI)
			DATA: 24/10/2011 DENOMINAZIONE: SENSORE GIRI INDUTTIVO M18x1.5 L=57mm
			SCALA: 1:1.5 CODICE PRODOTTO: AA.02.2102
			DIS.: Pasetti F.
			UNITA DI MISURA: mm Quote senza indicazione di tolleranza : ISO 2768 - m

CARATTERISTICHE:

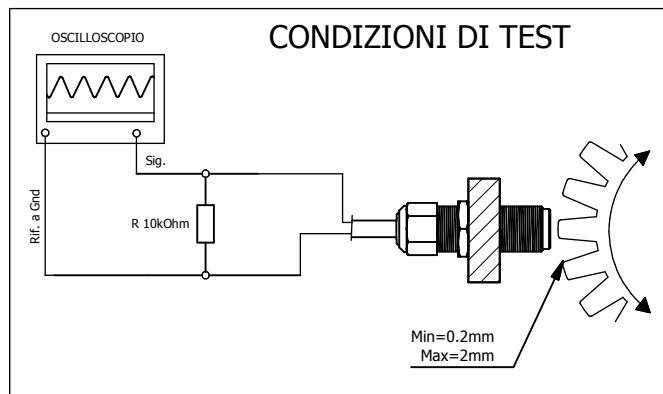
NUMERO SPIRE: 700±50
RESISTENZA: 920 Ohm ±10%
INDUTTANZA: 810 mH ±15%
FREQUENZA: 3 kHz
PROTEZIONE DA INVERSIONE DI POLARITA'
USCITA SEGNALE: TENSIONE ALTERNATA
GRADO DI PROTEZIONE: IP67
STRESS DA VIBRAZIONE: 1mm/80Hz (~4g)
TEMPERATURA DI UTILIZZO: -40°C ÷ +130°C
TEMPERATURA DI STOCCAGGIO: -50°C ÷ +130°C
FORZA DI SERRAGGIO: 25 Nm
MATERIALE CORPO: OTTONE OT58
MATERIALE DADI: OTTONE NICHELATO

TEMPERATURA DI FUNZIONAMENTO	-40°C ÷ +130°C VALORE RIFERITO AL CASE INSERITO A RIDOSSO DELLA RUOTA	EN 60068-2-1 ; EN 60068-2-2 EN60068-2-30 ; EN 60068-2-14
TEMPERATURA DI STOCCAGGIO	-50°C ÷ +130°C	EN 60068-2-1 ; EN 60068-2-2 EN60068-2-30 ; EN 60068-2-14
RESISTENZA A VIBRAZIONI	1mm/80Hz (~4g)	EN 60068-2-6
GRADO DI PROTEZIONE	IP 67	IEC 60529

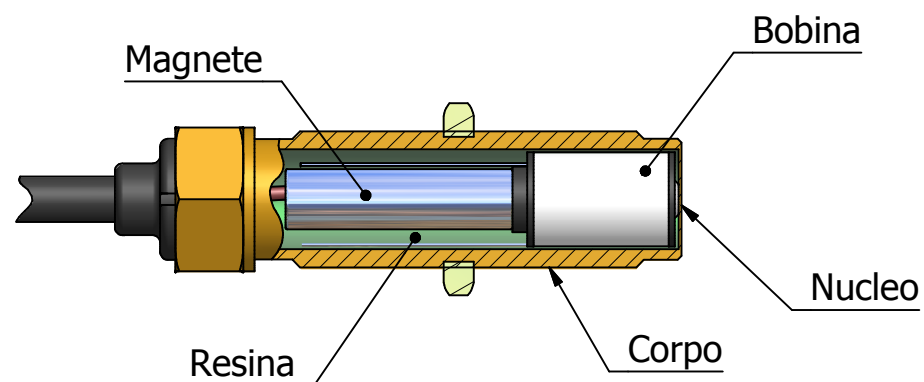
SCHEMA FUNZIONALE SENSORE



CONDIZIONI DI TEST



VISTA IN SEZIONE



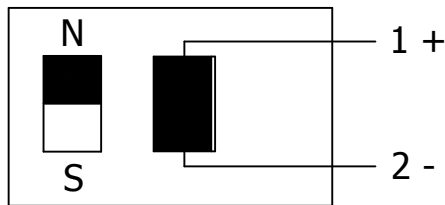
NOTE: LA ELEN SI RISERVA DI INSERIRE MIGLIORAMENTI/VARIAZIONI DI PRODOTTO, DANDONE COMUNQUE COMUNICAZIONE AL CLIENTE.
LA ELEN NON SI ASSUME ALCUNA RESPONSABILITA' SULL'USO NON APPROPRIATO DEL PRODOTTO O PER APPLICAZIONI FUORI SPECIFICA.

CHARACTERISTICS:

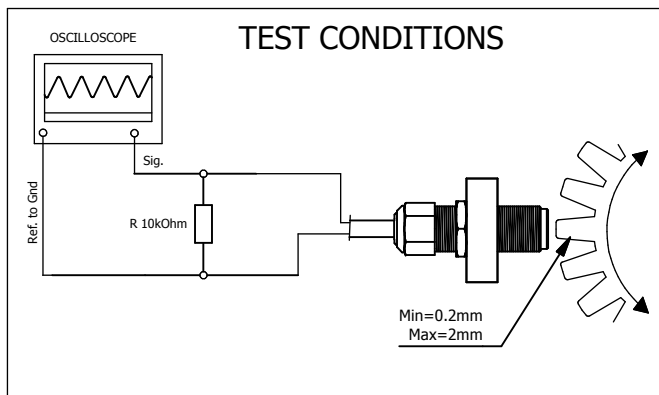
NUMBER OF WINDINGS: 700±50
 RESISTANCE: 920 Ohm ±10%
 INDUCTANCE: 810 mH ±15%
 FREQUENCY: 3 kHz
 PROTECTED BY POLARITY INVERSION
 SIGNAL OUTPUT: ALTERNATING VOLTAGE
 DEGREE OF PROTECTION: IP67
 VIBRATIONAL STRESSES: 1mm/80Hz (~4g)
 OPERATING TEMPERATURE: -40°C ÷ +130°C
 STORAGE TEMPERATURE: -50°C ÷ +130°C
 TIGHTENING TORQUE: 25 Nm
 CASE MATERIAL: BRASS OT58
 NUT METERIAL: BRASS NICKEL

OPERATING TEMPERATURE	-40°C ÷ +130°C VALUE REFERRED TO A CASE MOUNTED BEHIND THE WHEEL	EN 60068-2-1 ; EN 60068-2-2 EN60068-2-30 ; EN 60068-2-14
STORAGE TEMPERATURE	-50°C ÷ +130°C	EN 60068-2-1 ; EN 60068-2-2 EN60068-2-30 ; EN 60068-2-14
VIBRATION RESISTANCE	1mm/80Hz (~4g)	EN 60068-2-6
DEGREE OF PROTECTION	IP 67	IEC 60529

FUNCTIONAL SCHEME



TEST CONDITIONS



SECTIONAL VIEW

