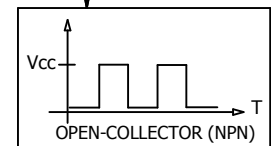
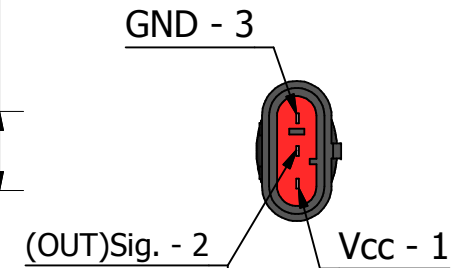
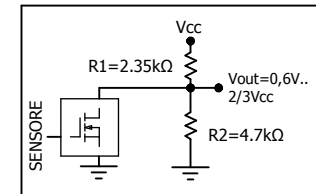
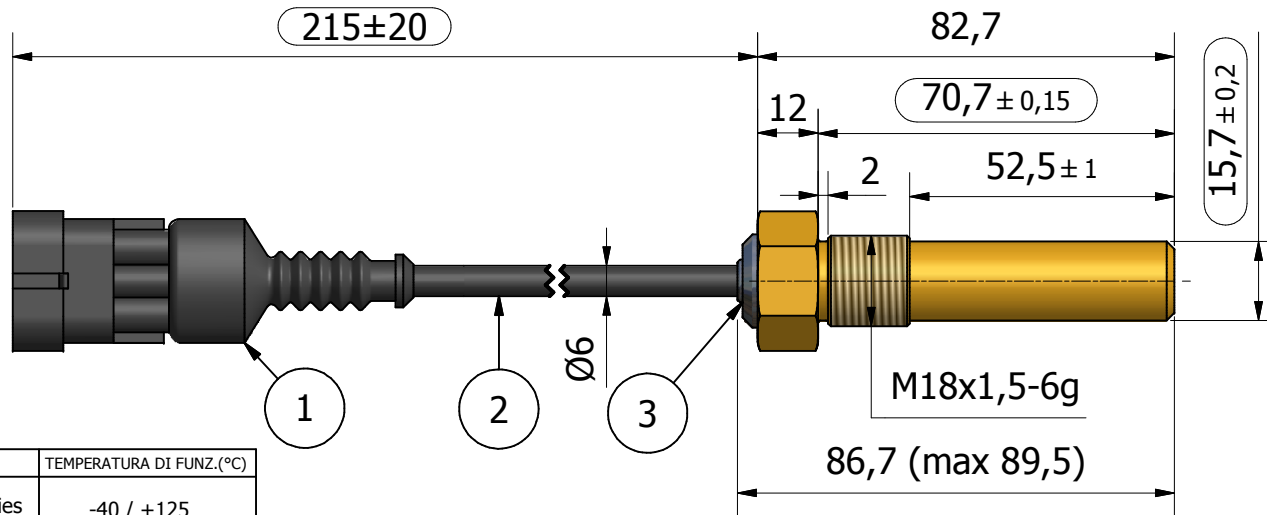
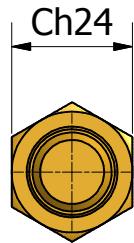


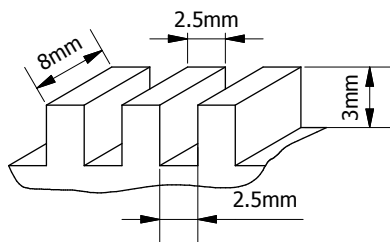
SENSORE PER LA MISURA DI GIRI/VELOCITA' IN RUOTE FONICHE O DENTATE
 SENSOR FOR MEASUREMENT OF SPEED/RPM FROM PHONIC WHEEL OR GEAR WHEEL



RESISTENZA DI PULL-UP INTERNA
 INTERNAL PULL-UP

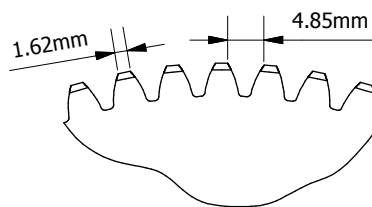
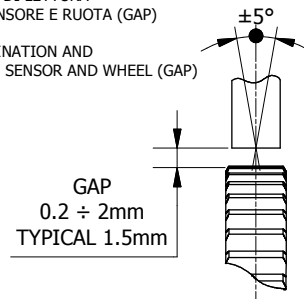
RIF.	DESCRIZIONE	TEMPERATURA DI FUNZ.(°C)
1	TYCO SUPERSEAL 1.5series 3Pin CONTACT	-40 / +125
2	CAVO SILICONICO Ø6mm	-40 / +140
3	TAPPO CON SEDE LED NYLON 6,6	-40 / +130

DIMENSIONI MINIME DELLA RUOTA FERROMAGNETICA
 MINIMUM FERROMAGNETIC WHEEL SIZE



INCLINAZIONE ASSE DI LETTURA
 E DISTANZA TRA SENSORE E RUOTA (GAP)

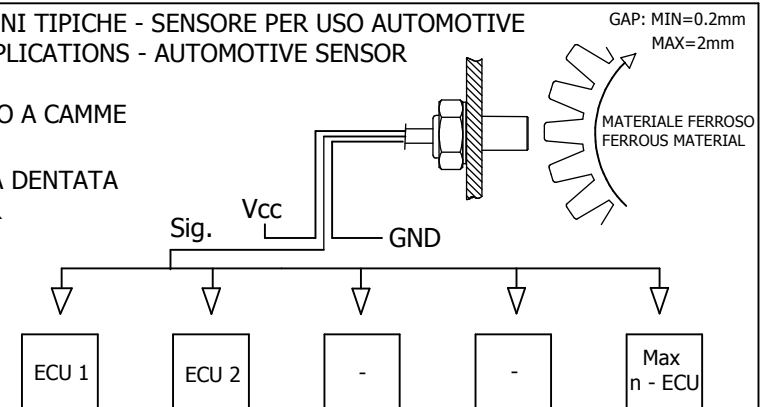
READING AXIS INCLINATION AND
 DISTANCE BETWEEN SENSOR AND WHEEL (GAP)



CARATTERISTICHE RUOTA DI TEST ELEN
 TEST WHEEL ELEN CHARACTERISTICS
 z=66
 m=2
 Øp=132
 MATERIALE/MATERIAL= ACCIAIO/STEEL C45

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



N.B.: Eliminare resistenze di pull-up dagli ingressi delle ECU

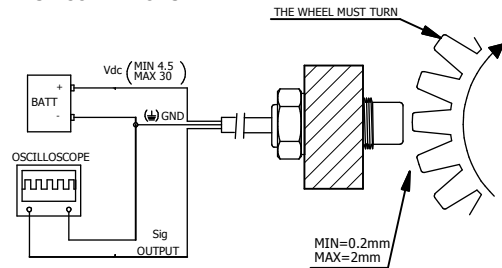
FIRMA	DESCR. ULT. REV.	ELEN srl Viale Forlanini 71 Garbagnate Milanese (MI)	
DATA		DATA: 16/06/2010	DENOMINAZIONE: SENSORE DI VELOCITA'
REV.		SCALA: 1.1.5	CODICE PRODOTTO: AA.02.0099-2 1/3
		DIS.: Fabio S.	
		UNITA DI MISURA: mm	Quote senza indicazione di tolleranza : ISO 2768 - m

CHARACTERISTICS:

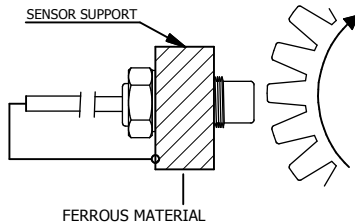
ZERO SPEED SENSOR
POWER SUPPLY: Min 5 Vdc Max 24 Vdc
OUTPUT CURRENT: Max 350 mA
FREQUENCY: 15 kHz
PROTECTED BY POLARITY INVERSION
OUTPUT SIGNAL (FREQ.): INTERNAL PULL-UP
DEGREE OF PROTECTION: IP67
STRESSES: 1mm/80Hz (~4g)
OPERATING TEMPERATURE: -40°C ÷ +150°C
TIGHTENING TORQUE: 50 Nm
BODY MATERIALS: BRASS

OPERATING TEMPERATURE:	-40°C ÷ +150°C VALUE REFERRED TO A CASE MOUNTED BEHIND THE WHEEL	EN 60068-2-1;EN 60068-2-2 EN 60068-2-30;EN 60068-2-14
STORAGE TEMPERATURE:	-50°÷ +150°C	EN 60068-2-1;EN 60068-2-2 EN 60068-2-30;EN 60068-2-14
VIBRATIONS RESISTANCE:	1mm / 80Hz (~4g)	EN 60068-2-6
DEGREE OF PROTECTION:	IP 67	IEC 60529
EMC COMPATIBILITY:	BCI - CLASS "A" - 100mA ; 1÷400 MHz	ISO 11452-4 (2005)
REVERSE POLARITY PROTECTION:	-24Vdc PER 1h	ELEN PROCEDURE
OVERLOAD PROTECTION:	420mA PER 5'	ELEN PROCEDURE
OVERVOLTAGE PROTECTION:	28.8V PER 5'	ELEN PROCEDURE
SHORTCIRCUIT PROTECTION:	TO GROUND FOR 5' TO Vdc FOR 5'	ELEN PROCEDURE
POWER SUPPLY:	Min. 5 Vdc Max. 24 Vdc	ELEN PROCEDURE
OUTPUT PINS ARE PROTECTED AGAINST 2000V ELECTROSTATIC DISCHARGE ACCORDING TO HBM		RIF. : MIL-STD-883; method 3015.

TEST CONDITIONS



ELECTROSTATIC PAINTING:
CONNECT ALL CONTACTS TO SENSOR SUPPORT



SENSOR FUNCTIONAL SCHEME

