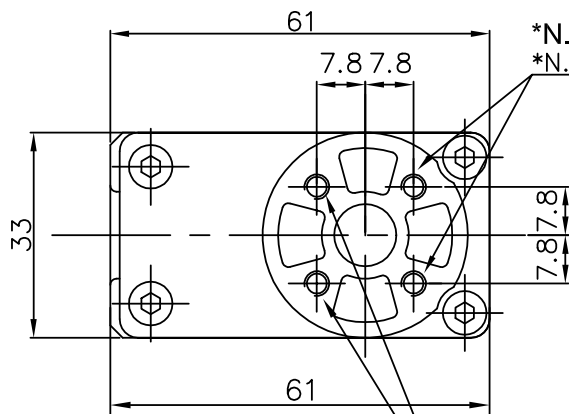


DIMENSIONI MOTORIDUTTORE "GM"

GEARMOTOR "GM" DIMENSIONS



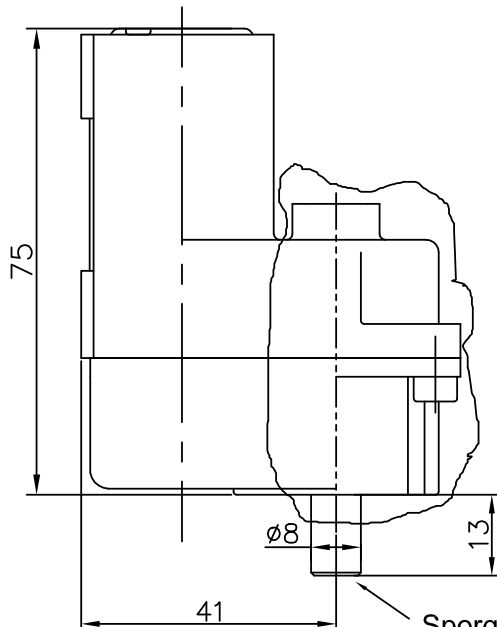
*N.2 fori prof.max.10 mm
*N.2 holes max.fixed 10 mm

Nota*:attenzione non superare la profondita'
massima prescritta della vite M4,poiche'
puo' danneggiare i componenti interni

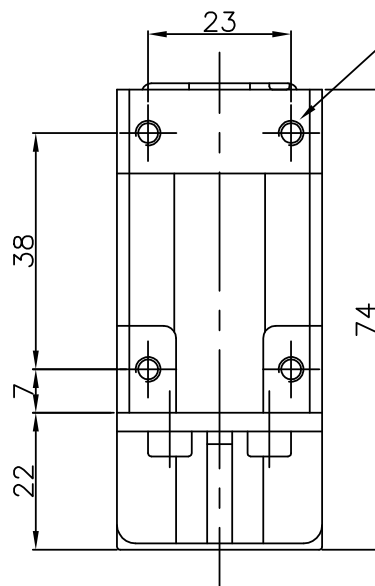
Note*:be careful not to exceed the maximun
fixed dept of the screw M4 because
the inner components can be damaged.

*N.2 fori prof.max.3 mm
*N.2 holes M4 max.fixed 3mm

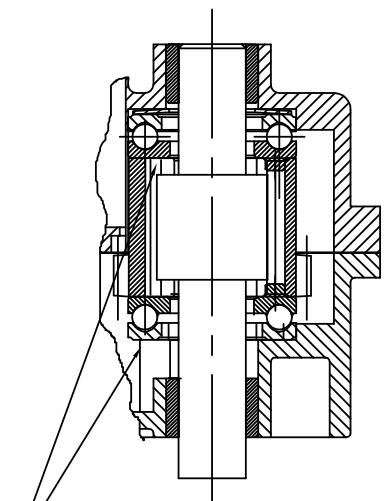
*N.2 fori prof.max.5 mm
*Nr.2 holes M4 max.fixed 5 mm



Sporgenza albero standard (13 mm)
Sporgenze diverse su richiesta
Standard shaft lenght (13 mm)
Different lenght on request



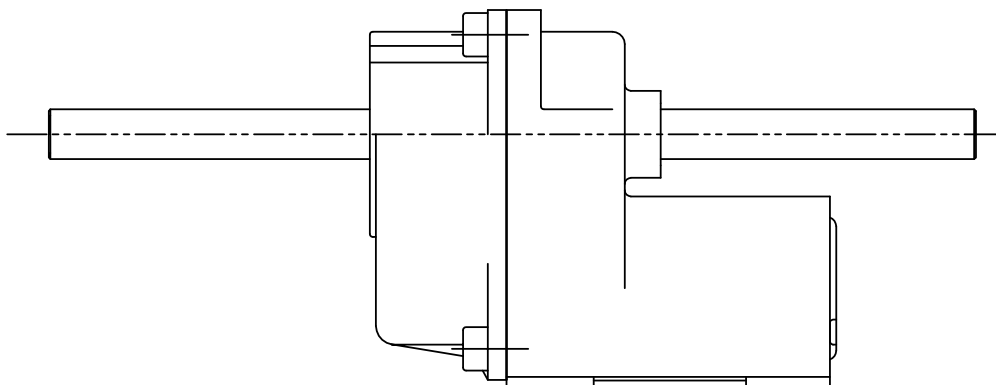
DETTAGLIO "INTERNO"
INNER DETAIL



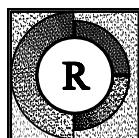
SU RICHIESTA REGGISPINTA
(precisare tipo GMB)

AXIAL BEARINGS ON REQUEST
(to specify GMB type)

VERSIONE BIALBERO SU RICHIESTA DOUBLE SHAFT VERSION ON REQUEST



LUNGHEZZA TOTALE E SPORGENZE ALBERO SU RICHIESTA DEL CLIENTE
TOTAL LENGTH AND SHELVES SHAFT ON CUSTOMER'S REQUEST

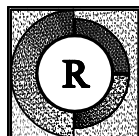


RADIA

Caratteristiche MOTORIDUTTORI "GM" GEARMOTORS Characteristics "GM"

TENSIONE 12/24Vcc
VOLTAGE 12/24Vdc

	MOTORE 4A MOTOR 4A	MOTORE 2A MOTOR 2A	MOTORE 1A MOTOR 1A	MOTORE 0.5A MOTOR 0.5A
RAPPORTO 1/12 RATIO 1/12				
RAPPORTO 1/27 RATIO 1/27				
RAPPORTO 1/48 RATIO 1/48				
RAPPORTO 1/108 RATIO 1/108				
CICLI FUNZIONALI DUTY CYCLES	4A Ciclo funzionale: (*) solo 12 V 4A Duty cycle: (*) only 12 V 20% On 80% Off	2A Ciclo funzionale (12V): 2A Duty cycle (12V): 50% On 50% Off 2A Ciclo funzionale (24V): 2A Duty cycle (24V): 20% On 80% Off	1A Ciclo funzionale (12V): 1A Duty cycle (12V): 80% On 20% Off 1A Ciclo funzionale (24V): 1A Duty cycle (24V): 50% On 50% Off	0.5A Ciclo funzionale (12V): 0.5A Duty cycle (12V): 90% On 10% Off 0.5A Ciclo funzionale (24V): 0.5A Duty cycle (24V): 80% On 20% Off
NOTE GENERALI: GENERAL NOTES:	-il motore da 4A viene fornito solo a 12 Vc.c. -4A motor available only to 12 Vd.c -potenza resa ottimale al 50% corrente max (zona grafico non tratteggiata) -optimal power yield to 50% max.current (look grafic in zone without sketch) -sovratemperatura max.70° C - A richiesta protettore termico incorporato -max.overtemperature 70° C – on request termic protector inside			

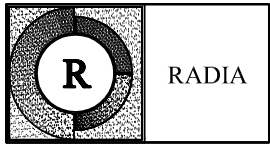


RADIA

Caratteristiche MOTORIDUTTORI "GM"
GEARMOTORS Characteristics "GM"

TENSIONE 12/24V_{cc}
VOLTAGE 12/24V_{dc}

	MOTORE 1A <i>MOTOR 1A</i>	MOTORE 0.5A <i>MOTOR 0.5A</i>
RAPPORTO 1/240 <i>RATIO 1/240</i>	GM* 1A 1/240	GM 0.5A 1/240
RAPPORTO 1/540 <i>RATIO 1/540</i>	GM* 1A 1/540	GM 0.5A 1/540
CICLI FUNZIONALI <i>DUTY CYCLES</i>	<u>1A Ciclo funzionale (12V):</u> <u>1A Duty cycle (12V):</u> 80% On 20% Off	<u>0.5A Ciclo funzionale (12V):</u> <u>0.5A Duty cycle (12V):</u> 90% On 10% Off
	<u>1A Ciclo funzionale (24V):</u> <u>1A Duty cycle (24V):</u> 50% On 50% Off	<u>0.5A Ciclo funzionale (24V):</u> <u>0.5A Duty cycle (24V):</u> 80% On 20% Off
NOTE GENERALI: <i>GENERAL NOTES:</i>	-potenza resa ottimale al 50% corrente max (zona grafico non tratteggiata) -optimal power yield to 50% max.current (look grafic in zone without sketch) -sovratemperatura max.70° C - A richiesta protettore termico incorporato -max.Overtemperature 70° C - on request termic protector inside NOTA IMPORTANTE: Very important note: -coppia massima di utilizzo 8 Nm -max.torque that you can use 8 Nm	



RADIA

ENCODER

DESCRIZIONE

Description

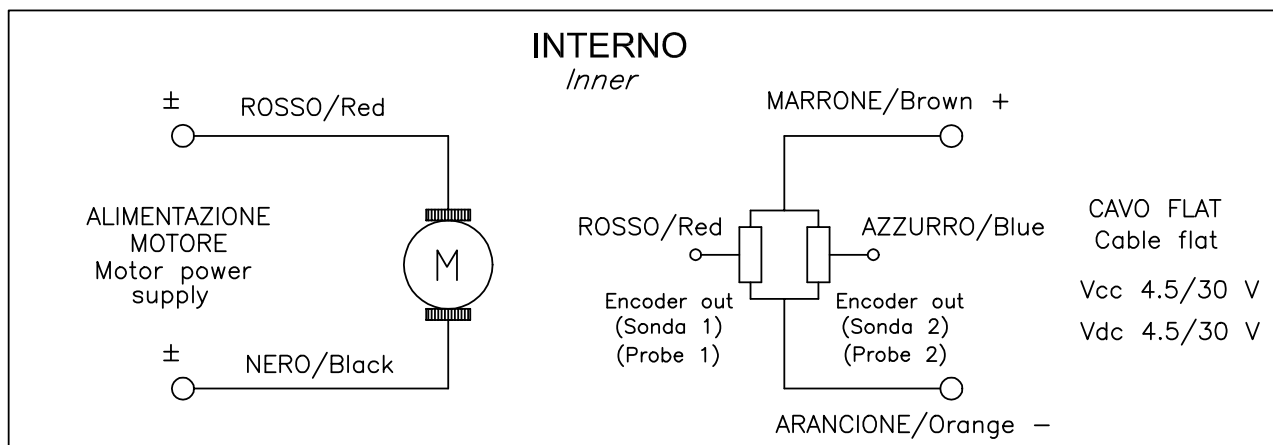
Encoder magnetico a sonda di Hall di ridotto ingombro posto internamente all' attuatore.

Magnetic encoder with Hall's probe put inside the actuator/gearmotor.

SCHEMA ELETTRICO

Electric scheme

Tensione di alimentazione della sonda di Hall : Vc.c. da 4.5 a 30 Volt max. Per collegamenti vedere "schemi di collegamento"
Hall's probe supply voltage: Vd.c. from 4.5 to 30V max



Sonda 1: rilevamento e controllo posizione vite (su attuatore) o albero (su motoriduttore)
Probe 1: survey and screw position check (on actuator) or shaft (on gearmotor)

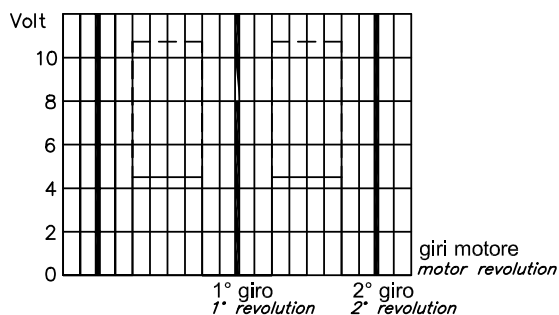
Sonda 2 (solo su richiesta) : rilevamento senso di avanzamento vite o rotazione albero
Probe 2 (on request): advance sense survey screw or shaft rotation

TENSIONE IN USCITA VINCOLATA A TENSIONE DI ALIMENTAZIONE DA 4.5 A 30 V
Output voltage is bound to power supply from 4.5 to 30 V

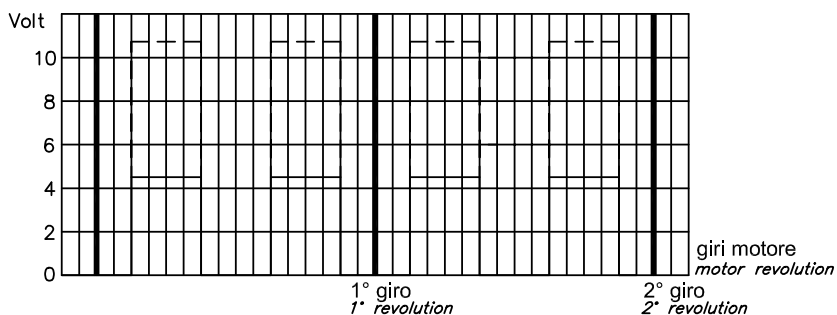
VERSIONI DISPONIBILI

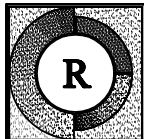
Available versions

ENCODER 1 POLO (1 IMPULSO/GIRO)
Encoder 1 pole (1 pulses/motor revolution)



ENCODER 4 POLI (2 IMPULSI/GIRO)
Encoder 4 poles (2 pulses/motor revolutions)



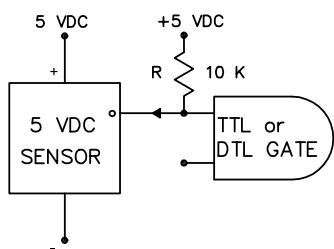


RADIA

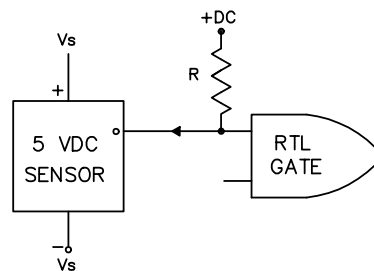
SCHEMI COLLEGAMENTO ENCODER

ENCODER'S CONNECTION OUTLINES

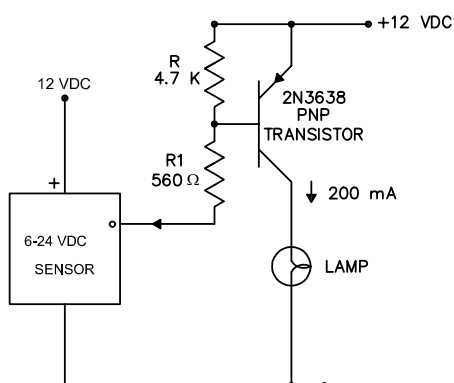
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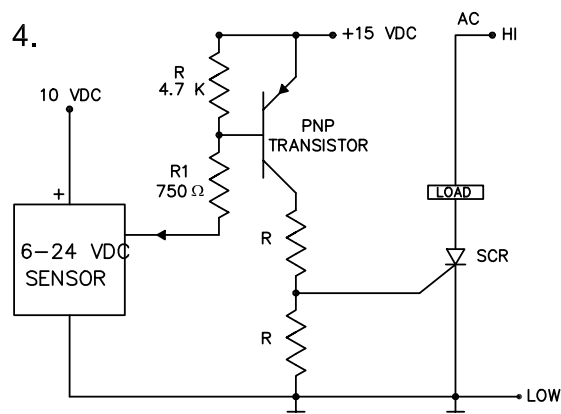
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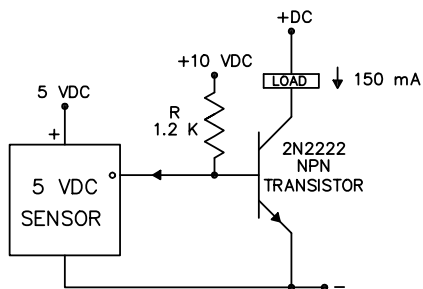
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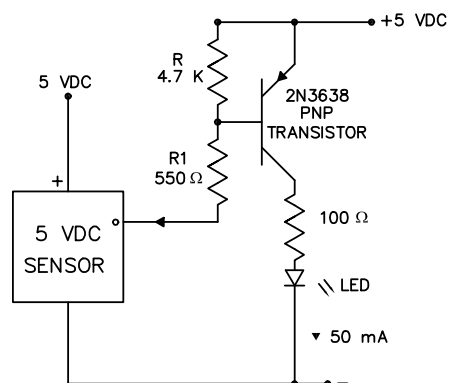
4.



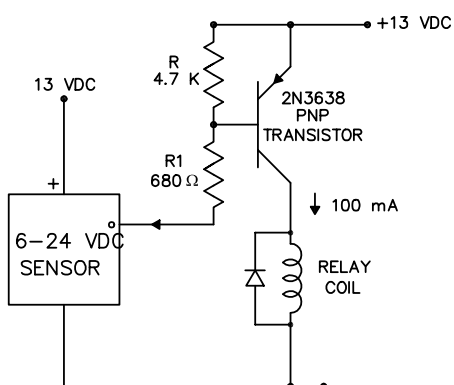
5.



6.



7.



8.

