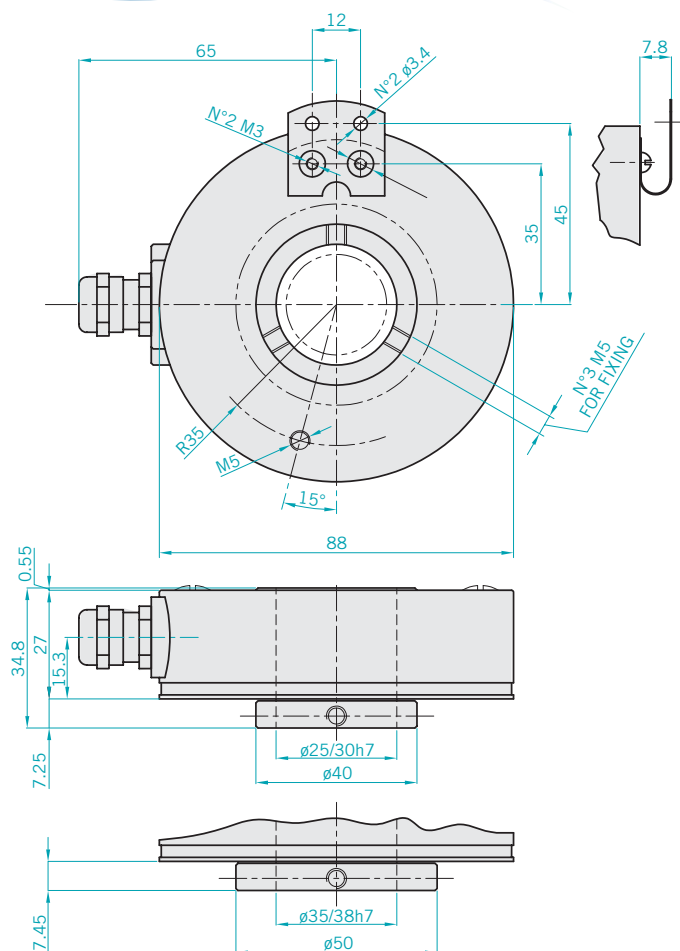




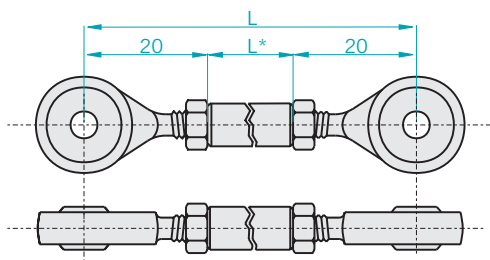
EL 88



HOW TO MOUNT IT

- 1) Couple the encoder shaft with the motor shaft
- 2) Fix the spring to the motor flange without screwing it
- 3) Fix the encoder shaft by the metal gear.
- 4) Block the spring

Accessories

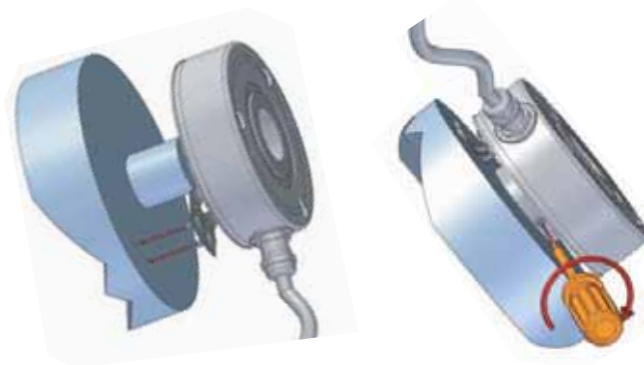


Electrical specifications

Resolution	1 - 2048 PPR
Input voltage	5 ÷ 28 Vdc LINE DRIVER only available with input voltage 5 ÷ 28 Vdc
Input current with no output load	100 mA Max
Source and sink current	50 mA for channel 20 mA for channel with LINE DRIVER
Output types	NPN / NPN OPEN COLLECTOR/ PUSH PULL / LINE DRIVER
Frequency response	100 KHz Max $F = \frac{RPM \times Resolution}{60}$

Mechanical specifications

Bore diameter	ø25 H7 / ø30 H7 / ø35 H7 / ø38 mm H7
Enclosure rating	IP54 standard
Shaft speed	3000 RPM
Bearings	n° 2 ball bearings
Shaft material	Stainless steel AISI303 for ø35 and ø38 Aluminium D11S UNI9002/5 for ø25 and ø30
Housing material	Aluminium
Operating temperature	0° ÷ +60°C
Storage temperature	-25° ÷ +70°C
Weight	350g



Available lengths

L* = 30 mm	Ordering code: SN5A30
L* = 60 mm	Ordering code: SN5A60
L* = 90 mm	Ordering code: SN5A90

hollow shaft INCREMENTAL ENCODERS

IN019IT0305A

EL88P



www.eltra.it e-mail: eltra@eltra.it
Via Monticello di Fara, 32 bis - Sarego (VI) - ITALY - Tel. +39 0444 436489 R.A. - Fax +39 0444 835335
© Copyright 2005 Eltra S.r.l. - All right reserved. All information in this catalog is subject to change without notice - ELTRA takes no responsibility for typographical errors.
For the terms of sales please check the website: www.eltra.it