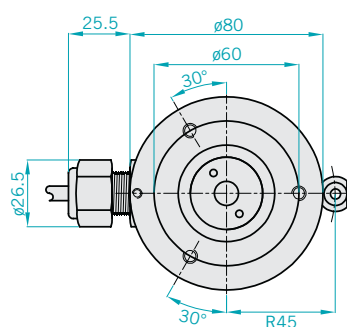
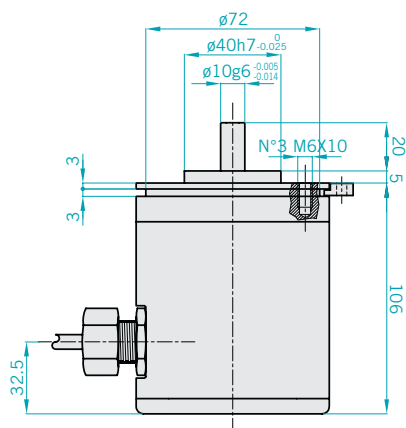
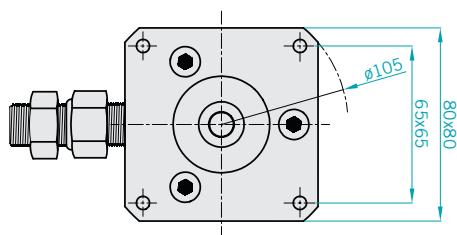
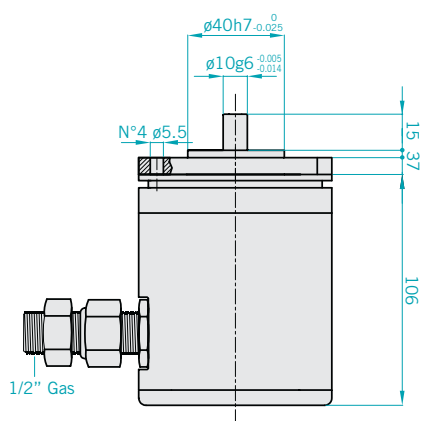


EX 80A



EX 80D



Electrical specifications

Resolution	from 1 to 10000 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

Shaft diameter	Ø10 mm g6 (-0.005/-0.014)
Shaft speed	3000 RPM
Shock	50 G for 11 msec (with plastic disc) 20 G for 11 msec (with glass disc)
Vibrations	10G 10 ÷ 2000 Hz
MAX shaft load	200 N (20 Kp) axial 200 N (20 Kp) radial
Bearings life	10 ⁹ revolutions
Bearings	n°2 ball bearings
Shaft material	Steel AISI303
Housing material	Aluminium D11S - UNI9002/5
Operating temperature	0° ÷ +60°C
Storage temperature	-25° ÷ +70°C
Weight	1200g

Explosionproof encoder EExdIIC T6



EN 50.014 / EN 50.018
CESI certification number: CESI 04 ATEX 082

EExdIIC T6

- EEx:** Electrical system for explosive and hazardous areas
- d:** Explosionproof box
- II:** Electrical system which can operate in hazardous areas except for the mines where "grisou" gas is present
- C:** Type of protection based on the special interstice designed to have the maximum security on the explosionproof encoder (MESG) C=maximum security
- T6:** Maximum encoder surface temperature 85° C



Eltra®

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