ER A/B/C

INCREMENTAL LINEAR SYSTEM

ISO 9001:2000

Incremental linear system

- Working stroke up to 500mm
- Available with or without zero on left, right or central position.
- Several electronic output configurations available. Up to 24 Vdc Power supply.
- Output cable. Cable connector available on request.

Ordering code

Full stop to separate special versionss

ER A 100 D 5 N 6 P . XXX

Eltra's incremental linear system ER

Special version code numbered from 001 to 999

Resolutions

- 0,2 mm (0,05 by reading each front) A
- 0,1 mm (0,025 by reading each front) B
- 0,04 mm (0,01 by reading each front) C

P Cable output type IPON IP67 standard length 1,5 m

from 100 to 500 working stroke

Assemblig hole diameter

6 ø 6 mm

- without zero index S
- central zero index C
- right zero index (closed position) D
- left zero index (open position) Z

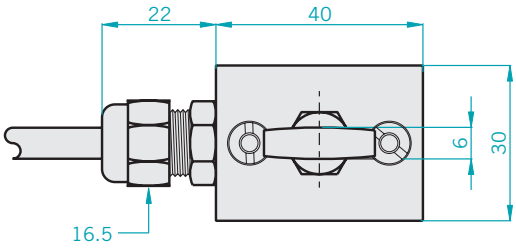
Output types

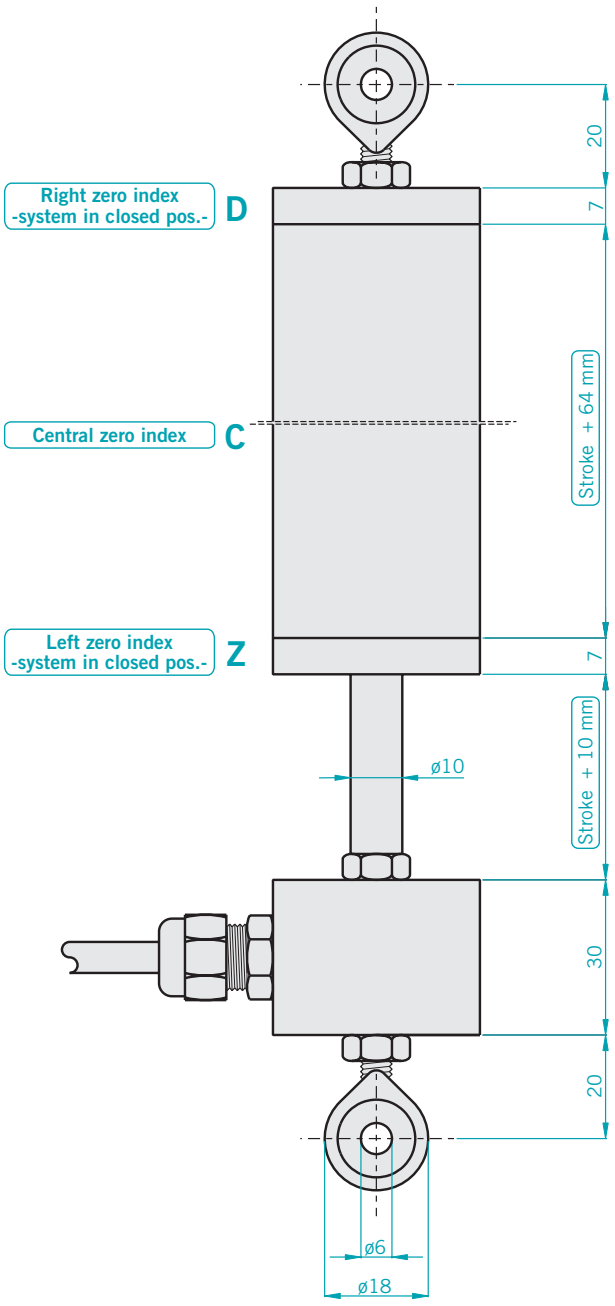
- N NPN
- C NPN OPEN COLLECTOR
- P PUSH PULL
- L LINE DRIVER

For optionals about output types please refer to incremental outputs section

Input voltage

- 5
- 8 ÷ 24





Electrical specifications

Resolution	0,2 mm (0,05 by reading each front) 0,1 mm (0,025 by reading each front) 0,04 mm (0,01 by reading each front)
Repeatability	+/- 0,05 mm for ERA +/- 0,025 mm for ERB +/- 0,01 mm for ERC
Input voltage	5 Vdc / 8 ÷ 24 Vdc
Input current with no output load	50 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

Mechanical specifications

Working stroke	from 100 to 500
Enclosure rating	IP64 standard
Max movement speed	60 m/min.
Shock	50 G for 11 msec
Vibrations	10 G 10 2000 Hz
Body material	Stainless steel AISI303
Housing material	Aluminium UNI 6362 verniciato
Fixing	n° 2 rod heads with hole size ø6
Operating temperature	0°÷ +60°C
Storage temperature	-25°÷ +70°C
Weight	from 400g to 1000g

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