



ER A INCREMENTAL LINEAR SYSTEM SERIES

Incremental Linear System

Incremental linear system

- Working stroke up to 500 mm
- Available with or without zero in the central, left or right position
- Different electronic configurations available with power supply up to 24 Vdc
- Output cable, eventual connector applied to the end of the cable
- Resolution 0.2mm



Ordering codes

In case of particular Customer variant separate with a full stop

ER A 100 D 5 N 6 P . XXX

ER = incremental linear system

A = mod. ER A

Type of fixing

from **100 to 500** = working stroke (mm)

S = without zero index

C = central zero index

D = right zero index (system in close position)

Z = left zero index (system in open position)

5
8 ÷ 24

Power supply (Vdc)

XXX = Particular Customer variants indicated by a progressive number from 001 to 999

P = special cable gland type IPON IP67
standard cable length 1.5 m

6 = ø 6 mm

Diameter assembling hole

N = NPN

C = NPN OPEN COLLECTOR

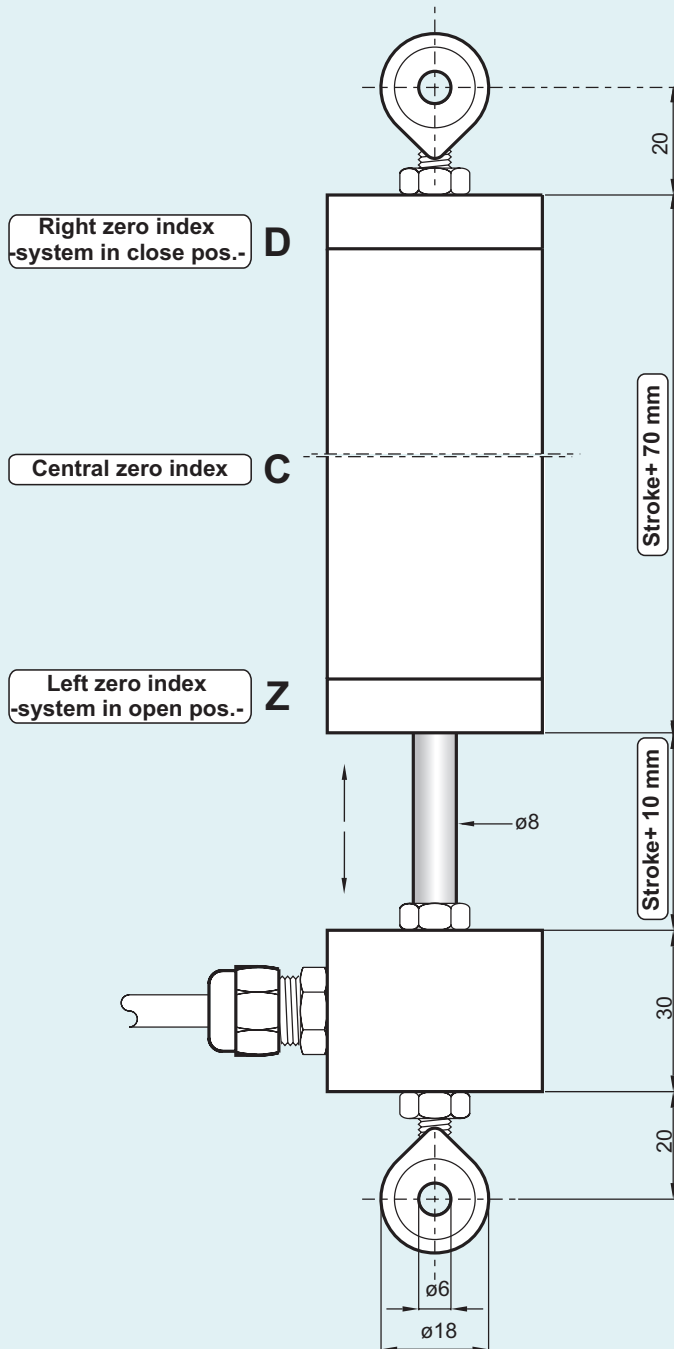
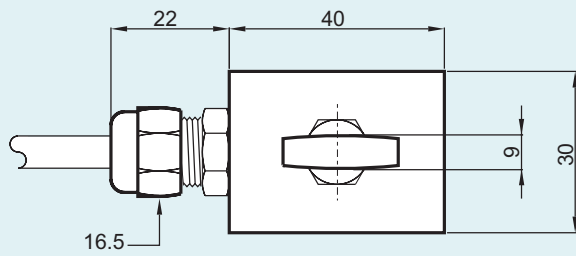
P = PUSH PULL

L = LINE DRIVER

Electronic output configuration

N.B.: For the optionals on output configurations see the output incremental connections card

ERA



Electronic Characteristics

Line to line	0.2 mm
Resolution	0.05 mm
Power supply	5 Vdc / 8 + 24 Vdc
Current consumption without load	50 mA bidirectional 100 mA bidirectional with zero
Max output current	50 mA per channel 20 mA per channel with LINE DRIVER
Electronic output configuration	NPN / NPN OPEN COLLECTOR / PUSH PULL / LINE DRIVER

Mechanical Characteristics

Working stroke (mm)	From 100 to 500
Protection	IP64 - Standard
Max traverse speed	60 m/min.
Shock	50 G per 11 msec
Vibrations	10G 10 + 2000 Hz
Shaft Material	Stainless steel AISI303
Cover Material	Aluminium UNI 6362 painted
Fixing	n°2 rod heads with hole ø6
Operating temperature	0° + 60°C
Storage temperature	-25° + 70°C
Weight	From 400g to 1000g

