



EH-EL58B / C / H / T INCREMENTAL ENCODERS

Incremental encoders

Standard series of encoders $\varnothing 58$ for industrial environments with excellent mechanical resistance; possibility of high radial and axial load on the shaft. They can be assembled with flanges or servo fasteners.

- Resolutions up to 10000 imp/turn with zero for the EL series and up to 1024 imp/turn for the EH series
- Different electronic configurations available with power supply up to 28 Vdc for the EL series and up to 24 Vdc for the EH series
- Max output frequency up to 300 KHz for the EL series and up to 100KHz for the EH series
- Output : cable and connector
- Different flanges available
- Speed rotation up to 6000 rpm
- Protection up to IP67



Ordering codes

EL 58 B 1000 Z 5/28 P 6 X 6 M R . XXX

In case of particular Customer variant separate with a full stop

EL = incremental encoder EL series
EH = incremental encoder EH series

58 = body dimension

B = mod.EH-EL58B
C = mod.EH-EL58C
H = mod.EH-EL58H
T = mod.EH-EL58T

Type of flanges

from **1** to **10000** imp./turn EL series
from **40** to **1024** imp./turn EH series

Resolutions

N.B.: For impulse availability contact directly our offices

S = without zero impulse
Z = with zero impulse

Zero impulse

5 ÷ 28 = EL series power supply
5 / 8 ÷ 24 = EH series power supply

Encoder power supply (Vdc)

N.B.: LINE DRIVER available only with 5 Vdc or 8 ÷ 24 Vdc power supply

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

R = radial
A = axial

P = standard output cable 1.5 m
M = connector MS3106E 16S-1S or 18-1S
J = connector JMSP 1607 F or 1610 F

3 = 3000 with IP66/ IP67
6 = 6000

R.P.M.

X = standard IP54
S = optional IP66 / IP67 exluded EH-EL58H

Protection

6 = \varnothing 6 mm EH-EL58B / 58H
8 = \varnothing 8 mm EH-EL58B / 58H / 58T
10 = \varnothing 10 mm EH-EL58B / 58C / 58H / 58T
12 = \varnothing 12 mm EH-EL58T

Shaft diameter

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

Electronic output configuration

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

