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EL - ER 30 E / H

SOLID SHAFT INCREMENTAL EN

MAIN FEATURES

Miniaturized ø 30 mm encoder series for application in small devices.
Recommended when a minimal size is required even providing excellent performances.

- 3 channel encoder (A / B / Z) up to 2500 ppr
- Power supply up to +28 VDC with several electronic interfaces available
- Up to 220 kHz output frequency
- Cable output, connectors available on cable end
- Solid shaft diameter up to 6 mm
- Mounting by clamping or threaded !ange

ORDERING CODE	EL	30E	50	S	5/28	N	4	X	3	PA

EL
incremental encoder series
ER

MODEL
clamping !ange ø 15 mm 30E
M18 threaded !ange 30H

RESOLUTION
ppr from 1 to 2500
see table for pulses availability

ZERO PULSE
without zero pulse S
with zero pulse Z

POWER SUPPLY
(with L electronic interface) 5 V DC 5
(with L or PC electronic interface) 8 ..24 V DC 24
5 ... 28 V DC 5/28

ELECTRONIC INTERFACE
NPN N
NPN open collector C
push-pull P
push-pull protected (AEIC-7272) P
line driver L
power supply 5/28V - output RS-422 RS

SHAFT DIAMETER
(mod. E) mm 4
mm 6

ENCLOSURE RATING
IP 54 X

MAX ROTATION SPEED
3000 rpm 3

OUTPUT TYPE
axial cable (standard length 0,5 m) P,5
radial cable (standard length 0,5 m) P,5

VARIANT
custom version XXX

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