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MAIN FEATURES

Miniaturized \varnothing 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 flange

ORDERING CODE

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

EL
incremental encoder series

MODEL
clamping flange \varnothing 15305
M18 threaded flange

RESOLUTION
ppr from 1 to 2500
see table for pulses availability

ZERO PULSE
without zero pulse
with zero pulse

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

ELECTRONIC INTERFACE
NPN
NPN open collector
push-pull
push-pull protected (AEIC-7072)
line driver
power supply 5/28V - output RS-422

SHAFT DIAMETER
(mod. E) mm
mm6

ENCLOSURE RATING
IP 54

MAX ROTATION SPEED
3000 rpm

OUTPUT TYPE
axial cable (standard length 0,5 m)
radial cable (standard length 0,8 m)

VARIANT
custom version

