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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  $\varnothing$  1530E  
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) 8 .. 28 V DC  
5 ... 28 V DC

ELECTRONIC INTERFACE  
NPN  
NPN open collector  
push-pull  
push-pull protected (AEIC-7272)  
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 0,8 m)  
radial cable (standard length 0,8 m)

VARIANT  
custom version X

