



# EA 120 P

## THROUGH HOLLOW SHAFT SINGLETURN ABSOLUTE ENCODERS



### Main features

The EA 120 is an absolute encoder with through hollow shaft suitable for textile machines, elevator motors and generally all the applications where big diameter shaft is required. EA 120 P is available with SSI and ICO output.



### Ordering code

EA 120 P 2048 B 5 S X X 50 X 3 PR . XXX

<p>singleturn absolute encoder EA</p> <p>size 120</p> <p>Flange through hollow shaft P</p> <p>Resolution (SSI) (powers of 2) cpr from 2 to 8192 (SSI) (multiples and submultiples of 360) cpr from 90 to 3600 (SSI) (multiples and submultiples of 1000) cpr from 250 to 4000 (ICO) cpr 360 / 500 / 512 720 / 1000 / 1024 <i>please directly contact our offices for pulses availability</i></p> <p>Code (SSI) binary B (SSI) Gray G (ICO) incremental code output I</p> <p>Power supply 5 V DC 5 8÷28 V DC 8/28</p> <p>Output type SSI S (ICO) line driver L (ICO) push-pull P</p> <p>Logic unused option X</p>	<p>special version code (from 001 to 999)</p> <p>PCR radial cable output with SKINTOP® (standard length 0.5 m) (12-core) HAR radial H connector output (12-pin) MCR radial M connector output (7-pin) (SSI) MAR radial M connector output (19-pin) (ICO) M12R radial M12 connector output (8-pin)</p> <p>Max rotation speed 3 3000 rpm</p> <p>Enclosure rating X IP54</p> <p>Shaft diameter 30 ø 30 mm 40 ø 40 mm 50 ø 50 mm 50.8 ø 50.8 mm (2")</p> <p>Option X unused option (SSI) ZE programmable zero pulse (SSI) A 10 kHz (standard ICO start-up sequence frequency) B 1 kHz (optional ICO start-up sequence frequency)</p>
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