

## Servo Motor Encoder

Servo encoder is a type of angle sensors for use in feedback control systems on AC servomotors.

They can be applied in different industries including factory automation, robotics, XYZ tables and others.

Eltra offers cost effective servo motor encoders which can satisfy all requirements in

- high efficiency,
- reliability,
- small dimensions,
- wide range of resolution,
- high temperature resistance and
- attractive prices.



Some offered series (EF36K and EF80 C/P) are Hall effect encoders with optical generation of “Hall effect phases” (communication signals).

Here you can look at main Eltra encoder series for servo motors. Detailed information you can find on our website <https://eltra-encoder.eu> or by contacting our managers.

Series	Type	hollow shaft	External diameter (max)	Bore diameter	Resolution (min) ppr	Resolution (max) ppr	Rotation speed (max) rpm	Output frequency (max)	Operating temperature (°C)	Enclosure rating (max)
<a href="#">EF 36K</a>	incremental optical	blind	36	10	500 ppr	1024 ppr	6000 rpm	150 kHz	-10..+85 C	IP40
<a href="#">EH 80C</a>	incremental optical	blind	80	15	200 ppr	2048 ppr	6000 rpm	105 kHz	-20..+85 C	IP54
<a href="#">EH 80K</a>	incremental optical	blind	80	15	200 ppr	2048 ppr	6000 rpm	105 kHz	-20..+85 C	IP54
<a href="#">EH 80P</a>	incremental optical	through	80	15	200 ppr	2048 ppr	3000 rpm	105 kHz	-20..+85 C	IP54
<a href="#">EF 80C</a>	incremental optical	blind	80	15	200 ppr	2048 ppr	6000 rpm	105 kHz	-20..+85 C	IP54
<a href="#">EF 80K</a>	incremental optical	blind	80	15	200 ppr	2048 ppr	6000 rpm	105 kHz	-20..+85 C	IP54
<a href="#">EF 80P</a>	incremental optical	through	80	15	200 ppr	2048 ppr	3000 rpm	105 kHz	-20..+85 C	IP54
<a href="#">EH 80PU</a>	incremental optical	through	80	15	1000 ppr	2048 ppr	3000 rpm	105 kHz	-20..+85 C	IP54
<a href="#">EL 49C</a>	incremental optical	blind	49	12,7	100 ppr	2048 ppr	6000 rpm	150 kHz	-20..+85 C	IP40
<a href="#">EL 49P</a>	incremental optical	through	49	12,7	100 ppr	2048 ppr	6000 rpm	150 kHz	-20..+85 C	IP40
<a href="#">EF 49C</a>	incremental optical	blind	49	12,7	100 ppr	2048 ppr	6000 rpm	150 kHz	-20..+85 C	IP40
<a href="#">EF 49P</a>	incremental optical	through	49	12,7	100 ppr	2048 ppr	6000 rpm	150 kHz	-20..+85 C	IP40

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