

Miniature rotary encoder

Miniature encoder (or mini encoder) is usually used when it is important to save space in industrial applications.

Eltra Sensing Technology offers wide range of high performance miniaturized encoder series with variety of electronic interfaces, resolutions, shaft/bore diameters, enclosure ratings, mounting and output types.

They include absolute and incremental encoders, optical and magnetic, singleturn and multiturn.

More information about Eltra miniaturized rotary encoders you can find [HERE >>>](#)



Below are main series of Eltra small encoder sensors.

You can contact our specialists for helping to choose needed model or find it on our website

<https://eltra-encoder.eu>

We organize express delivery worldwide and provide safety, simplicity and support during every stage.

Series	absolute	solid shaft	External diameter (max)	Shaft/bore diameter (max)	Resolution (min) ppr	Resolut. (max) ppr	Rotation speed (max) rpm	Output frequency (max)	Operating temperature (°C)	Enclosure rating (max)
EAM 36A	absolute magnetic	solid shaft	36	6			8000		-20..+85 C	IP67
EAM 36F	absolute magnetic	blind hollow shaft	36	6			8000		-20..+85 C	IP67
EAM 36G	absolute magnetic	blind hollow shaft	36	6			8000		-20..+85 C	IP67
EA 36F	absolute magnetic	blind hollow shaft	36	6	360 ppr	720 ppr	8000		-20..+100 C	IP67
EA 36G	absolute magnetic	blind hollow shaft	36	6	360 ppr	720 ppr	8000		-20..+100 C	IP67
EA 36A	absolute magnetic	solid shaft	36	6	360 ppr	720 ppr	8000		-20..+85 C	IP67
EH 17M	incremental optical	kit encoder	38	6,35	50 ppr	1024 ppr	6000	105 kHz	-20..+60 C	IP40
EH 30M	incremental optical	kit encoder	53	6,35	50 ppr	1024 ppr	6000	105 kHz	-20..+60 C	IP54
EH 17MH	incremental optical	kit encoder	38	6,35	2000 ppr	5000 ppr	6000	500 kHz	-20..+85 C	IP40
EH 30MH	incremental optical	kit encoder	53	6,35	2000 ppr	5000 ppr	6000	500 kHz	-20..+85 C	IP54
EL 38F	incremental optical	blind hollow shaft	39,5	10	1 ppr	14400 ppr	3000	150 kHz	-10..+60 C	IP65
EL 38G	incremental optical	blind hollow shaft	39,5	10	1 ppr	14400 ppr	3000	150 kHz	-10..+60 C	IP65
ER 38F	incremental optical	blind hollow shaft	39,5	10	1 ppr	14400 ppr	3000	500 kHz	-20..+85 C	IP65
ER 38G	incremental optical	blind hollow shaft	39,5	10	1 ppr	14400 ppr	3000	500 kHz	-20..+85 C	IP65
EMI 30M	incremental magnetic	kit encoder	53	10	1 ppr	90 ppr		15 kHz	-20..+100 C	IP54
EH 38A	incremental optical	solid shaft	38	6	50 ppr	1024 ppr	3000	100 kHz	-20..+70 C	IP54
EH 38B	incremental optical	solid shaft	38	6	50 ppr	1024 ppr	3000	100 kHz	-20..+70 C	IP54
EH 38D	incremental optical	solid shaft	38	6	50 ppr	1024 ppr	3000	100 kHz	-20..+70 C	IP54

tel. +421 332 60 10 29

order@eltra-encoder.eu

EL 30E	incremental optical	solid shaft	30	6	1 ppr	2500 ppr	3000	100 kHz	-10..+60 C	IP54
ER 30E	incremental optical	solid shaft	30	6	1 ppr	2500 ppr	3000	220 kHz	-25..+85 C	IP54
EL 30H	incremental optical	solid shaft	30	6	1 ppr	2500 ppr	3000	100 kHz	-10..+60 C	IP54
ER 30H	incremental optical	solid shaft	30	6	1 ppr	2500 ppr	3000	220 kHz	-25..+85 C	IP54
EL 40A	incremental optical	solid shaft	42	6	1 ppr	14400 ppr	3000	220 kHz	-10..+60 C	IP66
EL 40B	incremental optical	solid shaft	42	6	1 ppr	14400 ppr	3000	220 kHz	-10..+60 C	IP66
EL 40C	incremental optical	solid shaft	42	6	1 ppr	2500 ppr	6000	220 kHz	-10..+60 C	IP54
EL 40E	incremental optical	solid shaft	42	6	1 ppr	2500 ppr	6000	220 kHz	-10..+60 C	IP54
EL 40H	incremental optical	solid shaft	42	6	1 ppr	2500 ppr	6000	220 kHz	-10..+60 C	IP54
EL 40I	incremental optical	solid shaft	42	6	1 ppr	2500 ppr	6000	220 kHz	-10..+60 C	IP54
EL 40N	incremental optical	solid shaft	42	6	1 ppr	2500 ppr	6000	220 kHz	-10..+60 C	IP54
EL 40X	incremental optical	solid shaft	42	8	1 ppr	2500 ppr	6000	220 kHz	-10..+60 C	IP54
ER 40A	incremental optical	solid shaft	42	6	1 ppr	14400 ppr	3000	220 kHz	-25..+85 C	IP66
ER 40B	incremental optical	solid shaft	42	6	1 ppr	14400 ppr	3000	220 kHz	-25..+85 C	IP66
ER 40C	incremental optical	solid shaft	42	6	1 ppr	2500 ppr	6000	220 kHz	-25..+85 C	IP54
ER 40E	incremental optical	solid shaft	42	6	1 ppr	2500 ppr	6000	220 kHz	-25..+85 C	IP54
ER 40H	incremental optical	solid shaft	42	6	1 ppr	2500 ppr	6000	220 kHz	-25..+85 C	IP54
ER 40I	incremental optical	solid shaft	42	6	1 ppr	2500 ppr	6000	220 kHz	-25..+85 C	IP54
ER 40N	incremental optical	solid shaft	42	6	1 ppr	2500 ppr	6000	220 kHz	-25..+85 C	IP54
ER 40X	incremental optical	solid shaft	42	8	1 ppr	2500 ppr	6000	220 kHz	-25..+85 C	IP54

tel. +421 332 60 10 29

order@eltra-encoder.eu