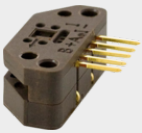
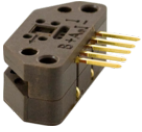
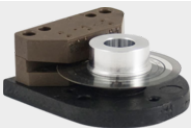


	Function	Category	Resolution	Case Ø [mm]	Supply volatge [V]	Output	Shaft & bore Ø [mm]	Temp. range [°C]
Overview Kit Encoders Overview								
	EM1	Incremental	Optical Head	32-2500	5	ABZ		-40 to +125
	EM2	Incremental	Optical Head	2000-10000	5	ABZ		-25 to +100
	Disk-1	Incremental	Disk	32-5000	25.4		2.36, 3.175, 9.52, 11.2	-40 to +100
	Disk-2	Incremental	Disk	64-2500	50.8		2.36, 3.175, 9.52, 11.2, 12, 12.7, 14, 15.88, 19.05, 22.22, 25, 25.4	-40 to +100
	Hubdisk-1	Incremental	Disk	32-5000	25.4		2, 3, 3.175, 4, 4.76, 5, 6, 6.35, 7, 8, 9.52, 10	-40 to +100
	Hubdisk-2	Incremental	Disk	64-10000	51.2		2, 3, 3.175, 4, 4.76, 5, 6, 6.35, 7, 8, 9.52, 10, 12, 12.7, 14, 15.875, 19.05, 20, 22.225, 25, 25.4	-40 to +100
	LIN	Incremental	Linear Strip	120-500				-40 to +100

		Function	Category	Resolution	Case Ø [mm]	Supply volatge [V]	Output	Shaft & bore Ø [mm]	Temp. range [°C]
	E4T	Incremental	Encoder	100-1000	22	5	AB	2, 2.5, 3, 3.175, 4, 4.76, 5, 6, 6.35	-20 to 100
	E16	Incremental	Encoder	250 - 4096	16	5	ABI	1.5, 2	-40 to 100
	E8T	Incremental	Encoder	180-720	28	5	AB	3, 3.175, 3.97, 4, 5, 6, 6.35, 7, 8, 9.525	-20 to 100
	E2	Incremental	Encoder	32-5000	30.5	5	ABZ	2, 3, 3.175, 4, 4.76, 5, 6, 6.35, 7, 8, 9.52, 10	-40 to 100, -25 for CPR >2000
	E3	Incremental	Encoder	64-10000	55.9	5	ABZ	2, 3, 3.175, 4, 4.76, 5, 6, 6.35, 7, 8, 9.52, 10, 12, 12.7, 14, 15.875, 19.05, 20, 22.225, 25, 25.4	-40 to 100
	E5	Incremental	Encoder	32-5000	31	5	ABZ	2, 3, 3.175, 4, 4.76, 5, 6, 6.35, 7, 8, 9.52, 10	-40 to 100, -25 for CPR >2000
	E6	Incremental	Encoder	64-10000	56.4	5	ABZ	2, 3, 3.175, 4, 4.76, 5, 6, 6.35, 7, 8, 9.52, 10, 12, 12.7, 14, 15.875, 19.05, 20, 22.225, 25, 25.4	-40 to 100
Overview Cables from US Digital									

		Function	Category	Resolution	Case Ø [mm]	Supply volatge [V]	Output	Shaft & bore Ø [mm]	Temp. range [°C]
	QSB	Incremental	USB Encoder Adapter			5	ABZ Differential I/Os		-40 to 85
	M3K	Absolute, Incremental	Encoder	1-8192	16	4 to 16.5	Incremental, PWM	3, 3.175, 4, 4.76, 5, 6, 6.35	-40 to 100
	EC35	Incremental	Encoder	500-60000	38	5	ABZ, UVW	5, 6, 6.35, 8, 9.52, 10	-20 to +105
	PS20A	Incremental	Encoder	200-8192	20	5	ABZ	3, 4	-20 to +85
	PS28A	Incremental	Encoder	360-10000	28	5	ABZ	4, 5, 6, 6.35, 8	-20 to +85
	PS28C	Incremental	Encoder	200-4096	28	5	ABZ	4, 5, 6, 6.35, 8	-40 to +100
	PS40A	Incremental	Encoder	600-16000	40	5, 24	ABZ	5, 6, 6.35, 8	-20 to +85
	18M	Incremental	Encoder	200-1600	18	5, 4.5 to 13.2	ABZ	2.5	-10 to +85

		Function	Category	Resolution	Case Ø [mm]	Supply volatge [V]	Output	Shaft & bore Ø [mm]	Temp. range [°C]
	38M	Incremental	Encoder	100-4096	38	5, 4.5 to 13.2	ABZ	5, 6	-10 to +85
	MAE3	Absolute	Encoder	1024-4096	12.7	5	Analog, PWM	3, 3.175, 4, 4.76, 5, 6, 6.35	-40 to 125

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