HEIDENHAIN

Encoder series	ID	Functional safety	Calculation time tCAL in µs	Bit width of position 1	Encoder type	Error messages	Warning messages	Diagnostics: BWZ 1	BWZ 2	BWZ 3	BWZ 4	System-specific interface	Additional data: Position value 2	Temperature sensor 1 (external)	Temperature sensor 2 (internal)	Limit position signals	Operating status error sources	OEM: 704 EnDat words	320 EnDat words	Additional functions: Datum shift	Adjustable recovery time	BBMT functions 5)	RM bit can be reset
RCN 2xxx / 5xxx / 8xxx	-	-	5	1)	C0	x	x	x	-	x	x	-	-	-	-	-	x	x	-	x	x	-	-
RCN 2xxx / 5xxx / 8xxx FS	-	x	5	1)	C0	x	x	x	-	x	x	-	x	-	-	-	x	x	-	x	x	-	-
RCN 6310 FS	-	x	5	28	C0	x	x	x	-	x	x	-	x	-	-	-	x	x	-	x	x	-	-
RCN 210	-	-	7	25	C0	x	x	x	-	x	-	-	-	-	x	-	x	x	-	x	x	-	-
ECN 2110	-	-	7	25	C0	x	x	x	-	x	-	-	-	-	x	-	x	x	-	x	x	-	-
ERM 2410	-	-	5	25	90	x	x	x	-	-	-	-	x	-	-	-	-	-	x	x	x	-	-
ECA44xx	1073287	-	5	4)	C0	x	x	x	-	x	-	-	-	-	-	-	x	x		x	x	-	-
ECA4410 FS	1119932	x	5	4)	C0	x	x	x	-	x	-	-	x	-	-	-	x	x		x	x	-	-
LC 115 / 415	-	-	5	36	40	x	x	x	-	x	x	-	-	-	-	-	x	x	-	x	x	-	-
LC 115 / 415 FS	-	x	5	36	40	x	x	x	-	x	x	-	x	-	-	-	x	x	-	x	x	-	-
LC 211	721856-03 (AE verpackt) 1201920-02 (AE	-	5	36	40	x	x	x	-	x	x	-	-	-	-	-	x	x	-	x	x	-	-
AT 12xx / 30xx	-	-	5	22	40	x	-	x	-	x	-	-	-	-	-	-	x	x	-	x	x	-	-
LIC 41xx	-	-	5	36	40	x	x	x	-	x	-	-	-	-	-	-	x	x	-	x	x	-	-
LIC 211x	-	-	5	32	40	x	x	x	-	x	-	-	-	-	-	-	x	x	-	x	x	-	-
EIB 192 / EIB 392		-	5	4)	2)	x	x	x	-	-	-	-	x	-	-	4)	-	x	-	x	x	-	-
EIB 192	749974	-	5	4)	2)	x	x	x	-	x	x	-	x	-	-	4)	-	x	-	x	x	-	x
EIB 1512	-	-	5	4)	3)	x	x	x	-	x	x	-	x	-	-	-	-	x	-	x	x	-	x
LIP 211	-	-	5	38	0	x	x	x	-	x	x	-	x	-	-	-	-	x	-	x	x	-	x
LP 111	-	-	5	38	0	x	x	x	-	x	x	-	x	-	-	-	-	x	-	x	x	-	x

1) Bit widths: RCN 2310 / 5310 : 26 bits; RCN 2510 / 5510: 28 bits; RCN 8310 / 8510: 29 bits
2) Depending on version: 00, 10, 80, 90
3) Depending on version: 80, 90
4) Depending on version
5) BBMT = Battery-buffered multiturn