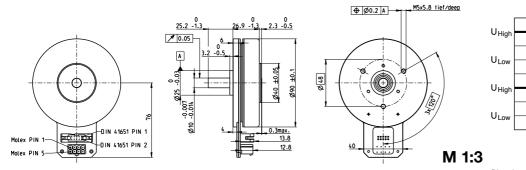
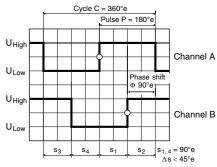
Encoder MILE 512–6400 CPT, 2 Channels, with Line Driver RS 422 Integrated into motor





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	Direction of rotation cw (definition cw p. 60)								
Stock program Standard program	Pa	rt Nı	umbers						
Special program (on request)	453	3234	409996	453233	411964	453232	411965	453231	411966
Туре									
Counts per turn	5	12	800	1024	1600	2048	3200	4096	6400
Number of channels		2	2	2	2	2	2	2	2
Max. operating frequency (kHz)	5	00	500	500	500	500	500	500	500
Max. speed (rpm)	50	000	5000	5000	5000	5000	5000	5000	4650



Motor	ular Syst	+ Gearhead	Page	+ Brake	Page	Overall le	ength (mn	n] / • see	Gearhead				
C 90 flat	271					29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2
C 90 flat	271	GP 52, 4 - 30 Nm	351			•	•	•	•	•	•	•	•

Technical Data		Pin Allocation		Connection example
driver used: State length s_n (500 rpm) Signal rise and fall times (typically, at $C_L = 120$ pF, $R_L = 100$ Ω Operating temperature range Moment of inertia of code wheel	$\begin{tabular}{lll} -40+100 °C & $\leq 65 \mbox{ gcm}^2$ \\ -20 \mbox{ mA, max. } 20 \mbox{ mA} \\ \mbox{nsors} & $10 \mbox{ k}\Omega \pm 20\% $ \\ \end{tabular}$	Connection motor Pin 1	Connection Encoder Pin 1 N.C. Pin 2 V _{cc} Pin 3 GND Pin 4 N.C. Pin 5 Channel Ā Pin 6 Channel Ā Pin 7 Channel B Pin 8 Channel B Pin 9 Do not connect Pin 10 Do not connect	Channel B Channel B Channel B
Additional information can be found under 'Downloads' in the maxon onl				Opt. terminal resistance R = typical 120 Ω