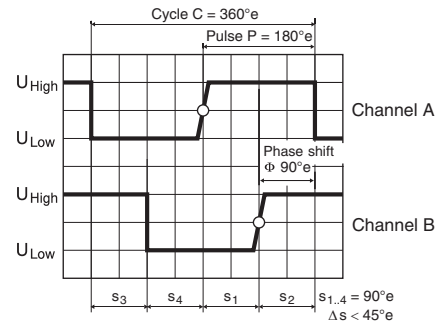
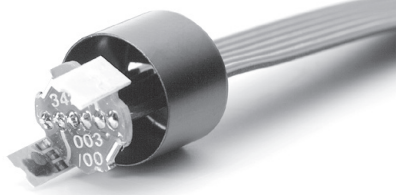
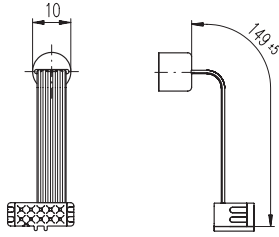


# Encoder MEnc 10 12 CPT, 2 Channels



Direction of rotation cw (definition cw p. 150)

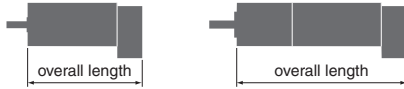
- Stock program
- Standard program
- Special program (on request)

## Part Numbers

138061

### Type

Counts per turn <sup>1</sup>	12
Number of channels	2
Max. operating frequency (kHz)	20
Max. speed (rpm)	100 000



### maxon Modular System

+ Motor	Page	+ Gearhead	Page	Overall length [mm] / ● see Gearhead
RE 10, 0.75 W	155			25.1
RE 10, 0.75 W	155	GP 10, 0.005 - 0.1 Nm	313	●
RE 10, 0.75 W	155	GP 10, 0.01 - 0.15 Nm	314	●
RE 10, 1.5 W	157			32.7
RE 10, 1.5 W	157	GP 10, 0.005 - 0.1 Nm	313	●
RE 10, 1.5 W	157	GP 10, 0.01 - 0.15 Nm	314	●

Technical Data	
Supply voltage $V_{CC}$	3.8 - 24 V
Output signal $V_{CC} = 5$ VDC	TTL compatible
Phase shift $\Phi$	$90^\circ e \pm 45^\circ e$
Power input at $V_{CC} = 5$ VDC	max. 8 mA
Inertia of the magnetic disc	0.03 gcm <sup>2</sup>
Operating temperature range	-20...+80 °C
Open collector output with integrated pull-up resistance	10 kΩ ± 20%
<sup>1</sup> maxon controllers require a resolution of at least 16 pulses.	

Pin Allocation	
	<ul style="list-style-type: none"> <li>1 Motor +</li> <li>2 <math>V_{CC}</math></li> <li>3 Channel A</li> <li>4 Channel B</li> <li>5 GND</li> <li>6 Motor -</li> </ul>
	Pin type DIN 41651/ EN 60603-13 (Type 3M 89110-0101 HA) flat band cable AWG 28

