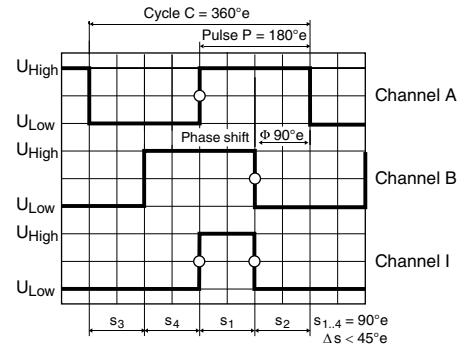


# Encoder 6 OPT 128 CPT, 3 Channels



Direction of rotation cw (definition cw p. 60)

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

## Part Numbers

502807

## Type (provisional)

Counts per turn	128
Number of channels	3
Max. operating frequency (kHz)	1000
Max. speed (rpm)	60000



## maxon Modular System

+ Motor	Page	+ Gearhead	Page	∅ Enc [mm]	Overall length [mm] / ● see Gearhead
EC 6, 1.5 W	204			6 (8*)	23.4
EC 6, 1.5 W	204	GP 6, 0.002 - 0.03 Nm	317	6 (8*)	●
EC 6, 1.5 W	204	GP 6 S	365-366	6 (8*)	●
EC 6, 2.0 W	205			6 (8*)	23.4
EC 6, 2.0 W	205	GP 6, 0.002 - 0.03 Nm	317	6 (8*)	●
EC 6, 2.0 W	205	GP 6 S	365-366	6 (8*)	●

\*Max diameter of the end cap (incl. extension).

Technical Data	Pin Allocation	Connection example
Supply voltage $V_{CC}$ 3 - 6 V Typical current draw 4 mA Phase shift $\phi$ $90^\circ e \pm 45^\circ e$ Index pulse width $90^\circ e \pm 45^\circ e$ Operating temperature range -20...+85 °C Moment of inertia of code wheel $\leq 0.001 \text{ gcm}^2$ Output current per channel $\leq 5 \text{ mA}$	<p>Compatible connector: Molex 52745-1297, Tyco 1-1734839-2                      Adapter: 498157</p> <p><b>Please note:</b> max. continuous current 0.5 A</p>	