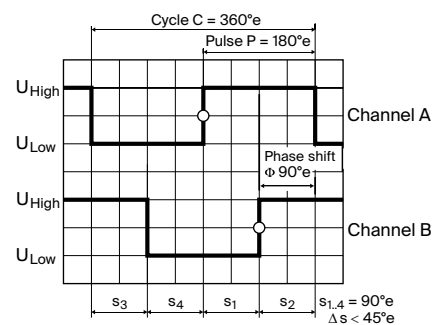


## sensor



 Stock program  
 Standard program  
 Special program (on request)

473594

|                                |        |
|--------------------------------|--------|
| Counts per turn                | 50     |
| Number of channels             | 2      |
| Max. operating frequency (kHz) | 15     |
| Max. speed (rpm)               | 18 000 |

[illegible]

|                                 |                            |
|---------------------------------|----------------------------|
| Supply voltage $V_{CC}$         | 2.6–3.0 V                  |
| Typical current draw            | 12 mA                      |
| Phase shift $\Phi$              | $90^\circ \pm 45^\circ$    |
| Operating temperature range     | $-20...+85^\circ\text{C}$  |
| Moment of inertia of code wheel | $\leq 0.001 \text{ gcm}^2$ |
| Output current per channel      | min. -1 mA, max. 8 mA      |

Optionally available:  
Flexprint length 80 mm, 12-pole, pitch 0.5 mm  
Matching connector, e.g. Molex 52745-1297

Compatible connector:  
Molex 52745-0697

- |   |                 |
|---|-----------------|
| 1 | Motor +         |
| 2 | V <sub>CC</sub> |
| 3 | Channel A       |
| 4 | Channel B       |
| 5 | GND             |
| 6 | Motor -         |

Encoder

A

B

No Pull-up necessarily

<sup>1</sup>Not in combination with maxon controllers.