

# ***EPOS2***

## Positioning Controller

In application with  
**Siemens STEP7 and  
Systeme Helmholz  
CAN 300 PRO/400 Master**

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## 1 Introduction

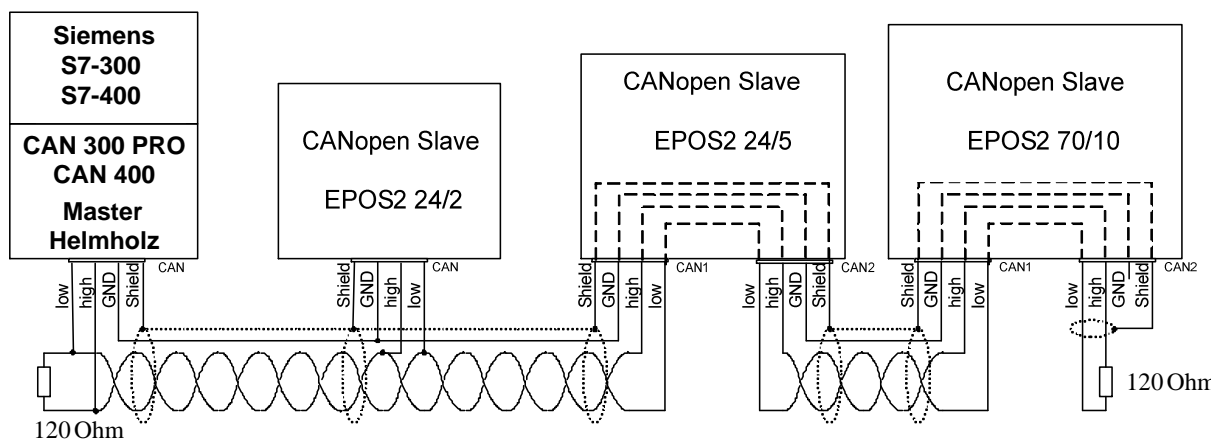
The CAN 300 PRO/400 module from the Systeme Helmholz GmbH for use in a S7-300/400<sup>1</sup> from Siemens permits connection of CAN stations with the programmable controller. The module can be slotted either into the central controller or into the expansion unit. Data exchange with the CPU is effected via the backplane bus. The data handling blocks, which enable simple handling of CAN communication, are supplied in the source code.

Systeme Helmholz GmbH supplies data handling blocks by ordering a CAN 300 PRO/400 communication module. This data handling blocks and example program, which enable simple handling of CAN communication, are supplied in the source code by Systeme Helmholz GmbH.

This makes it easy to control the maxon motor control EPOS positioning controller via CAN 300 PRO/400 Master in combination with Siemens S7-300/400 PLC.

For questions please contact Systeme Helmholz GmbH.

### Block Diagram:



The application notes collection chapters “CANopen Basic Information” and “Device Programming” will help you to understand the CANopen standard (see <http://www.maxonmotor.com> or maxon motor EPOS DVD).

## 2 Third party products

### Systeme Helmholz GmbH (CAN 300 PRO/400 module)

Systeme Helmholz GmbH  
<http://www.helmholz.com>

### Siemens AG (S7-300, S7-400 PLC)

Siemens AG  
<http://www.siemens.com>

<sup>1</sup> Step® and SIMATIC® is a registered trademark of Siemens AG