



Control



WebVisu

EtherCAT

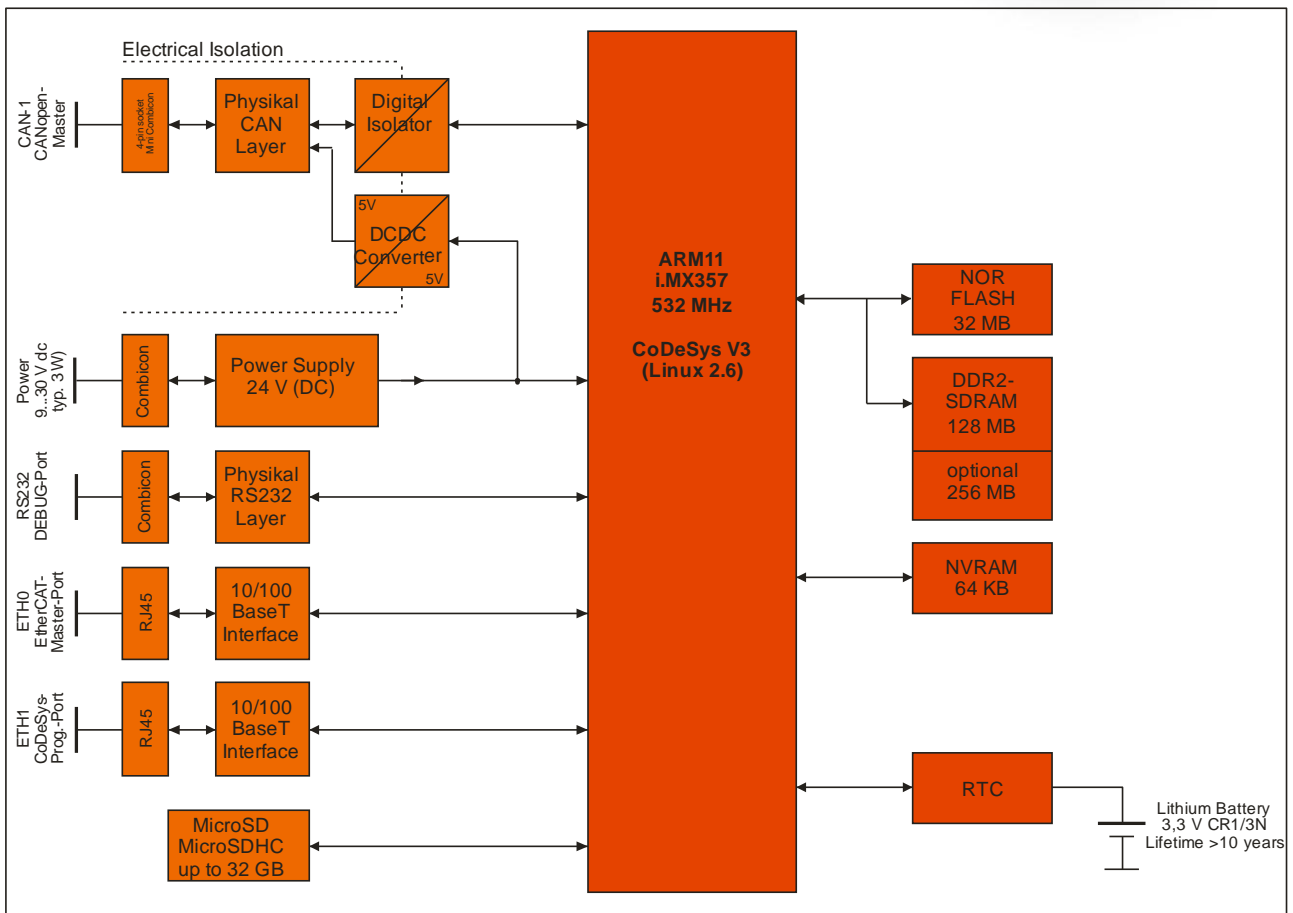
CANopen

## CPM 20

CODESYS V3.5 module with integrated EtherCAT<sup>1</sup> and CANopen-Master. The compact housing, enclosure IP20, must be mounted on a 35 mm DIN mounting rail.



### Block diagram



<sup>1</sup> EtherCAT<sup>®</sup> is a registered trademark and patented technology, licensed by Beckhoff Automation GmbH, Germany.

## Technical features

Technical data	<ul style="list-style-type: none"> <li>Power supply: 9...30 Vdc</li> <li>Power consumption: nom. 3 W</li> <li>Operating temperature: -20...55 °C</li> </ul>
System (software)	<ul style="list-style-type: none"> <li>CODESYS V3.5: nach IEC-61131-3</li> <li>EtherCAT®: EtherCAT®-Master</li> <li>CAN: CANOpen-Master</li> <li>Option: Licence for web-visualization</li> </ul>
Interfaces	<ul style="list-style-type: none"> <li>Ethernet: 2 x (10/100 MBit/s) – <u>without</u> switch ETH0: PC-programming interface ETH1: EtherCAT®</li> <li>CAN: 1x (10 kBit/s...1MBit/s), electrically isolated</li> <li>RS232: 1x</li> <li>Micro SD: 1x</li> </ul>
Electronic	<ul style="list-style-type: none"> <li>Microprocessor: ARM11 / 532 MHz</li> <li>DDR2-SDRAM: 128 MByte (optional: 256 MByte)</li> <li>NOR-FLASH: 32 MByte</li> <li>NVRAM: 64 kByte</li> <li>LEDs: 1 x green (operate) / 1 x red (error)</li> <li>Delay (in µs): 4 (at 1.000 binary- / word instructions)</li> </ul>
Enclosure	<ul style="list-style-type: none"> <li>Material: Polyamide</li> <li>Colour: Grey</li> <li>Protection class: IP20</li> <li>Connectors: 3 4-pole terminal blocks für CAN, RS232, power supply 2 RJ45-ports, 1 Micro SD slot</li> <li>Mounting: 35 mm DIN mounting rail</li> <li>Dimensions: 114,5 (h) x 99 (w) x 22,5 (d) mm</li> </ul>

Order no.: **70360** [128 MByte DDR2-SDRAM]  
**70370** [256 MByte DDR2-SDRAM]