

# Features - V5

## Key Features

- Full cyclic data exchange supported (Poll, Change of State, Cyclic, Bitstrobe)
- Diagnostic
  - Common and extended diagnostic via dual port memory
  - Stack diagnosis via packet API
- Configuration
  - Packet API based configuration by host application
  - Data base configuration by configuration tool [Sycon.net](#) (only netX 90 use case C with external flash memory)
- Acyclic service supported
- Fragmentation supported
- Module Network Status Objects
- Multiple assembly support
- Baudrate and node-ID over network configuration supported
- Rotary switch support
- Attribute change indication support
- Semiconductor device profile supportable by host application

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## Technical Data

Feature	Description
Maximum number of cyclic input data	255 bytes
Maximum number of cyclic output data	255 bytes
Acyclic communication	Get_Attribute_Single/All max. 240 bytes per request Set_Attribute_Single/All max. 240 bytes per request
Baud rates	125 kBits/s, 250 kBit/s, 500 kBit/s Auto-detection mode is not supported
Connections	Poll Change-of-state Cyclic Bit-strobe
Explicit messaging	supported
Fragmentation	Explicit and I/O
Message body format	8/8

Data transport layer	CAN
UCMM	not supported
Quick Connect	not supported