ABB EXCOM Connector

Devices compatible with ABB EXCOM protocol

- Name: **EXCOM**
- Version: 1.1.0.0
- Protocol: EXCOM (Proprietary)
- Interface: Standard Serial Port
- Runtime: .Net 4.8 (Multiplatform)
- Configuration:
    - Devices / Protocols

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Overview

Communication with devices compatible with EXCOM protocol.

Communication Driver Information	
Driver name	EXCOM
Assembly Name	T.ProtocolDriver.EXCOM
Assembly Version	1.1.0.0
Available for Linux	True
PLC types supported	PLCs ABB Masterpiece 200, MasterGate 210 / 230, Advant Controller AC 400 / AC 450
Manufacturer	ABB
Interface	Serial and MultiSerial (RS232)

Supported Operands

- DAT: PC data exchange file;
- DSD: DatSet Description file;
- DI: Digital Input file;
- DO: Digital Output file;
- AI: Analogic Input file;
- AO: Analogic Output file.

Channels Configuration

Protocol Options

- **BlockSize:** Defines the maximum of addresses in a read block. Default is 326.

Settings

- **Serial and MultiSerial channels:**

  Default configuration:

  DataBits: 8.

  StopBits: 1 if parity is used, 2 if no parity.
  Set the other fields according to your Serial or MultiSerial port configuration.

Nodes Configuration

Station Configuration

Network: Network identifier for multi-station communication (0-99).

Node: Node address within the network (0-99).

Syntax: ***<Network>;<Node>***

Ex: 1;3

Points Configuration

The syntax for the EXCOM communication points is: ***<Dataset Files> <Address>***

Where :

- ***<Dataset Files>***:
  - DAT: PC data exchange file;
  - DSD: DatSet Description file;
  - DI: Digital Input file;
  - DO: Digital Output file;
  - AI: Analogic Input file;
  - AO: Analogic Output file.
- ***<Address>***: Address number.

Driver Revision History

EXCOM Revision History	
Version	**Notes**
1.1	Initial release on new documentation standards.

In this section...
