

Script.Serial.AUTOSENDER.IO_EXTENSION_MODULE.V.1.0.0.0

AUTOSENDER I/O Extension Module Serial Script



Overview

The script supports the I/O extension module developed by Autosender. The device communicates using an RS-232 interface and supports:

- 3 digital inputs
- 1 analog input (0-10V)
- 4 digital outputs (200mA)

This script can be used with the following devices:

1. MiX 4000
2. MiX 6000
3. FM3316 and FM3306 Communicators
4. FM3517i and FM3507i Communicators
5. FM3617i and FM3607i Communicators
6. FM3717i and FM3707i Communicators
7. FM3817i and FM3807i Communicators

Version History

Reference	Version	Changes
ESCR-138	v1.0.0.0	First Version

Supported Parameters

ACRONYM	PARAMETER NAME	PARAMETER DESCRIPTION	Return values/states (if applicable)
ASIN1	CC.ASIN1	AutoSender Ext. Module - Input 1 Status	0 = OFF 1 = ON
ASIN2	CC.ASIN2	AutoSender Ext. Module - Input 2 Status	0 = OFF 1 = ON
ASIN3	CC.ASIN3	AutoSender Ext. Module - Input 3 Status	0 = OFF 1 = ON
ASIGN	CC.ASIGN	AutoSender Ext. Module - Ignition Status	0 = OFF 1 = ON
ASOU1	CC.ASOU1	AutoSender Ext. Module - Output 1 Status	0 = OFF 1 = ON
ASOU2	CC.ASOU2	AutoSender Ext. Module - Output 2 Status	0 = OFF 1 = ON
ASOU3	CC.ASOU3	AutoSender Ext. Module - Output 3 Status	0 = OFF 1 = ON
ASOU4	CC.ASOU4	AutoSender Ext. Module - Output 4 Status	0 = OFF 1 = ON
ASANA	CC.ASANA	AutoSender Ext. Module - Analog Input	0 - 10V*
ASERR	CC.ASERR	AutoSender Error	0 = no error 1 = checksum error 2 = message ignored
AEXEC	CC.AEXEC	AutoSender Ext. Module connection status	0 = Disconnected 1 = Connected

Installation Notes

1. **The script is NOT compatible with TRACERS**
2. The Autosender device is connected to the OBC serial port as follows:

Autosender (Tx, White) ← OBC DB9-pin2 (Tx)

Autosender (Rx, Green) → OBC DB9-pin3 (Rx)

Autosender (Ground, Black) ↔ OBC DB9-pin5 (Signal Ground)
3. Any device connected to the serial interface must be configured to:
 - Baud Rate: 19200 bps
 - Byte Length: 8 bits
 - Flow Control: None
 - Parity: None
 - Stop Bits: 1 bit