

Accessory modules

Extension modules for ID-DCU, IGS-NT gen-set or engine controllers

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1 General information

1.1 Version information

This document supplements the Accessory modules - Reference guide.

Bug fix in initialization proces of Inteli modules (Inteli IO8/8, Inteli AIN8TC, Inteli AIN8, Inteli AIO9/1). In specific conditions, module stucks in initialization proces and didn't start communication with controller.

1.2 Clarification of notation

Note: This type of paragraph calls readers attention to a notice or related theme.

IMPORTANT: This type of paragraph highlights a procedure, adjustment etc., which can cause a damage or improper function of the equipment if not performed correctly and may not be clear at first sight.

Example: This type of paragraph contains information that is used to illustrate how a specific function works.

2 Intel i IO8/8

2.1 Changes in the version 1.2.0

2.1.1 Repairs

- ▶ Fixed bug in initialization after power up.

2.2 Changes in the version 1.1.0

2.2.1 New features

- ▶ Support of communication at 125 kbps added
 - The module is compatible with communication speed at 125 kbps (when MTU ECU7 is used)
 - The module supports auto-detection of the communication speed (indicated by fast blinking of status LED)

3 Intel AIN8TC

3.1 Changes in the version 1.5.0

3.1.1 Repairs

- ▶ Bug fix: K-thermocouple (°F) measurement

3.2 Changes in the version 1.4.0

3.2.1 Repairs

- ▶ Fixed bug in initialization after power up.

3.3 Changes in the version 1.3.0

3.3.1 Repairs

- ▶ Changed maximal value for thermocouple K. Maximum value is 1370 °C.
- ▶ Fixed conversion for °F in low temperatures.

3.4 Changes in the version 1.2.0

3.4.1 New features

- ▶ Support of communication at 125 kbps added
 - The module is compatible with communication speed at 125 kbps (when MTU ECU7 is used)
 - The module supports auto-detection of the communication speed (indicated by fast blinking of status LED)
- ▶ Improved communication with internal temperature sensor.

4 Intel AIN8

4.1 Changes in the version 1.3.0

4.1.1 Repairs

- ▶ Fixed bug in initialization after power up.

4.2 Changes in the version 1.2.0

4.2.1 New features

- ▶ Support of communication at 125 kbps added
 - The module is compatible with communication speed at 125 kbps (when MTU ECU7 is used)
 - The module supports auto-detection of the communication speed (indicated by fast blinking of status LED)

5 Intel AIO9/1

5.1 Changes in the version 1.3.0

5.1.1 Repairs

- ▶ Fixed bug in initialization after power up.

5.2 Changes in the version 1.2.0

5.2.1 New features

- ▶ Support of communication at 125 kbps added
 - The module is compatible with communication speed at 125 kbps (when MTU ECU7 is used)
 - The module supports auto-detection of the communication speed (indicated by fast blinking of status LED)

6 IGS-PTM

6.1 Changes in the version 11.1.0

6.1.1 Repairs

- ▶ Fixed occasional communication dropouts when a lot of modules are used on the same CAN1 bus.

6.2 Changes in the version 11.0.0

6.2.1 New features

- ▶ Support of communication at 125 kbps added
 - The module is compatible with communication speed at 125 kbps (when MTU ECU7 is used)
 - The module supports auto-detection of the communication speed (indicated by fast blinking of status LED)

7 IS-AIN8, IS-AIN8TC

7.1 Changes in the version 2.7

7.1.1 Repairs

- ▶ Fixed occasional communication dropouts when a lot of modules are used on the same CAN1 bus.

8 Related information

8.1 Overview of all available hardware

	Inteli IO8/8	Inteli AIN8TC	Inteli AIN8	Inteli AIO9/1	IGS-PTM
Binary Inputs	8	0	0	0	8
Binary Outputs	8	0	0	0	8
Analog Inputs	0	8	8	9	4
Analog Outputs	2	0	0	1	1

Table 7.1 Available hardware

8.2 Available related documentation

Documents	Description
Accessory modules - Reference guide	This guide contains information about extension modules for ID-DCU, IGS-NT gen-set or engine controllers.
Inteli IO8/8 Datasheet	General information about module
Inteli AIN8TC Datasheet	General information about module
Inteli AIN8 Datasheet	General information about module
Inteli AIO9/1 Datasheet	General information about module

Table 7.2 Available documentation

9 Notes

9.1 Document history

Revision number	Related sw. version	Date	Author
2	SWversion: 1.0.1	16.08.2021	Martin Kaňok
1	SWversion: 1.0.0	19.11.2018	Jakub Suchý
New document released	N/A	4.6.2018	Jakub Suchý