MTU MDEC CAN bus communication in easYgen-3500XT-P2

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Old legacy GCP-3x-Option Scxy controls supported MTU MDEC CAN communication.

oder the with 8440-2318 easYgen-3500XT-P2-K58 supporting

MDEC Protocols V302,V303,V304 are supported.

Following ECU data are visualized :

The easYgen 3500XT-P2 receives following analog data from the MDEC via CAN2 :

• 11.67 MDEC Coolant temperature [°C]

• 11.68 MDEC Oil pressure [bar]

• 11.69 MDEC Oil temperature [°C]

• 11.70 MDEC Fuel temperature [°C]

• 11.71 MDEC Engine speed [rpm]

• 11.72 MDEC Operation hours [h]

• 11.73 MDEC Error code

• 11.74 MDEC Feedback speed [rpm]

The easYgen 3500XT-P2 receives the following binary data from the MDEC via CAN2 :

• 05.24 MDEC Yellow alarm

• 05.25 MDEC Red alarm

• 05.26 MDEC Alive timeout (True if MDEC Alive message is missing for more than • 1000 ms.)

easYgen-3500XT-P2 is supporting speed bias connected to MDEC based on

- CANbus,
- 0-5V ,
- 0-10V,
- 4-20mA,
- raise & lower pot free contacts

This Software Package includes as well the legacy CAN bus of old GCP-3x controls,

enabling easYgen-3500XT-P2 to talk to obsolete Gateways like GW4-PRO or GW4- Modbus

connected to upper PLC Controllers.

Legacy CAN is not supporting LS-4 communication and Loadsharing (Loadshare Gateway LSG required) !