SEW EURODRIVE

MOVIDRIVE® *compact* MCH4_A

Edition

07/2004

Addendum to Operating Instructions

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1 Addendum to Operating Instructions MOVIDRIVE® *compact* MCH4_A

Connection TF/TH

There are two ways to connect the thermistor/thermostat TF/TH:

1. Connection to binary inputs X10:1 and X10:4
2. Connection to motor encoder input X15:6 and X15:14

You will have to make certain parameter settings, depending on the selected type of connection for the TH/TH. The MOVIDRIVE® *compact* MCH4_A operating instructions, edition 04/2002 do not list the setting of parameter P530 "Sensor type 1". Parameter 530 "Sensor type 1" must be set correctly for the motor protection to function properly. Observe the following setting notes:

1. Connection to X10:1 and X10:4
   - P120 = TF TRIGGER
   - P530 = NO SENSOR
   - P835 = desired error response → see parameter table
2. Connection to X15:6 and X15:14
   - Set P120 **not** TF TRIGGER
   - P530 = TF/TH
   - P835 = desired error response → see parameter table

If a TF/TH is connected to X15:6 and X15:14 then no TF/TH connection is permitted on X10:1 and X10:4! Terminal X10:4 can be used as a 10 V voltage input.

Connect HIPERFACE® encoder to CM71 ... 112 with terminal box

Technical modifications on the CM71... 112 motors with terminal box have resulted in a different connection of the HIPERFACE® encoder at the motor.

Connect the HIPERFACE® encoder as follows:

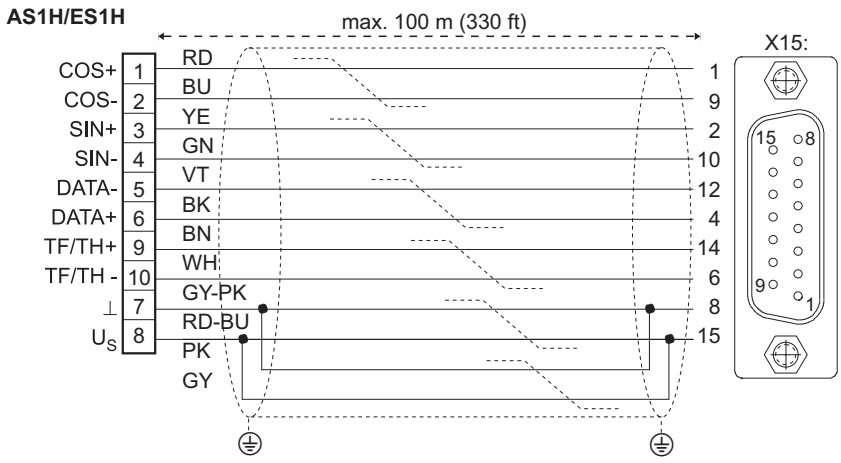

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Figure 1: Connect HIPERFACE® encoder as motor encoder to MCH4_A

Part numbers of the prefabricated cables:

- For fixed routing: 1332 457 8
- For cable carrier routing: 1332 454 3

- The connection of the HIPERFACE® encoder shown in the illustration above replaces the paragraph "CM71 ...112 with terminal box"
  - on page 42 in the MOVIDRIVE® *compact* MCH4_A operating instructions, edition 04/2002.
  - on page 282 in the MOVIDRIVE® *compact* system manual, edition 04/2002.

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