



**MOVIDRIVE<sup>®</sup> MD\_60A**

**Edition**

*09/2001*



## 1 Corrections to MOVIDRIVE® MD\_60A Operating Instructions

Three errors have been detected in the table "Functional description of the terminals of the basic unit (power section and control unit)" on page 22 of the MOVIDRIVE® MD\_60A operating instructions, part number 1053 2617.

1. An unintentional line break in line X14 has resulted in an incorrect assignment of terminal designations to signal designations.
2. The negation bars above the signal designations A (K1) and C (K0) are missing in table line X14 for X14:6 and X14:8.
3. An unintentional line break in line X15 has resulted in an incorrect assignment of terminal designations to signal designations.

The corrected table lines are listed below. Please use these corrected table lines.

X14:1 X14:2 X14:3 X14:4 X14:5 X14:6 X14:7 X14:8 X14:9	Not with MDF60A	Signal track A (K1) Signal track B (K2) Signal track C (K0) Switchover Reference potential DGND Signal track <u>A</u> ( <u>K1</u> ) Signal track <u>B</u> ( <u>K2</u> ) Signal track C (K0) +24 V (max. 180 mA)	Output incremental encoder simulation or input external encoder. Only encoders with a signal level according to RS-422 (5 V TTL) are allowed as external encoders. If X14: is used as an incremental encoder simulation output, X14:4 must be jumpered with X14:5 (switchover – DGND). Signal level of incremental encoder simulation to RS-422 (5 V TTL). Pulse count of the incremental encoder simulation: <ul style="list-style-type: none"> <li>• With MDV60A as on X15: Motor encoder input</li> <li>• With MDS60A 1024 pulses/revolution</li> </ul>		
X15:1 X15:2 X15:3 X15:4 X15:5 X15:6 X15:7 X15:8 X15:9	Not with MDF60A	Signal track A (K1) Signal track B (K2) Signal track C (K0) NC Reference potential DGND Signal track <u>A</u> ( <u>K1</u> ) Signal track <u>B</u> ( <u>K2</u> ) Signal track C (K0) +24 V (max. 180 mA)	Motor encoder input With MDV60A Permitted encoders: - sin/cos encoder 1 V <sub>SS</sub> - 5 V TTL encoder - 24 V HTL encoder	sin+ (S2) cos+ (S1) Ref.+ (R1) NC DGND sin- (S4) cos- (S3) Ref.- (R2) TF/TH connection (connect to X15:5 via TF/TH)	Resolver input With MDS60A Permitted resolver: 2-pole, 7 V <sub>AC_rms</sub> , 7 kHz