



Version: 1.0 EN / Item no.: 00601-3-888

Conversion instructions for MD, UD fill level sensor

Please read carefully before performing the conversion!



TRANSLATION OF ORIGINAL CONVERSION INSTRUCTIONS

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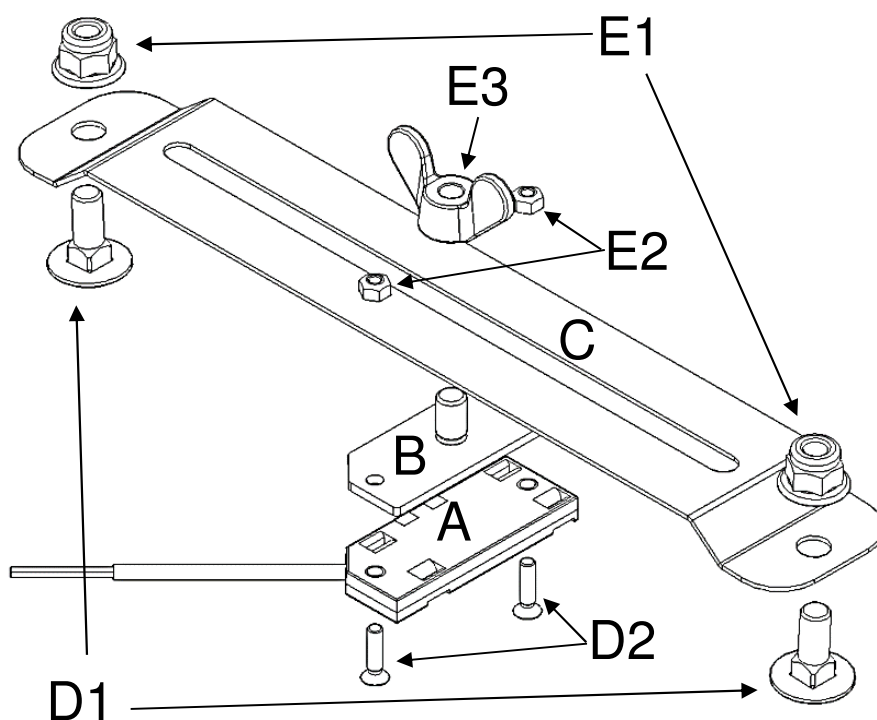
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1 Information

The fill level sensor can be retrofitted on the MD. However, a 5.2 control box is required. It measures the fill level in the hopper and triggers an alarm on the control box when the set level is undercut. It measures the fill level in the hopper and triggers an alarm on the control box when falling below the set level. The sensitivity of the sensor can be adjusted for the respective seed type. It is adjusted using the small slotted screw at the rear of the sensor.

2 Scope of delivery

- 1x **A**-fill level sensor
- 1x **B**-assembly plate
- 1x **C**-fill level sensor guide plate
- 4x **D**-bolts (2x carriage bolt (**D1**), 2x countersunk bolt (**D2**))
- 5x **E**-nuts (2x flange nut (**E1**), 2x locking nut (**E2**), 1x wing nut (**E3**))
- 1x Screwdriver



3 Assembly

Step 1:

Drill 2 holes (Ø6 mm) at a distance of 200 mm and install the guide plate in the bottom area of the hopper (see Figure 1) with 2x carriage bolts (**D1**) (insert the carriage bolts from the inside of the hopper and fasten from the outside with nuts (**E1**)).

Step 2:

Fasten the assembly plate (**B**) on the fill level sensor (**A**) using 2x countersunk bolts (**D2**) and locking nuts (**E2**). Then use the wing nut (**E3**) to fasten it onto the guide plate (**C**).

Step 3:

Install the fill level sensor correctly to the terminal block. (See 4 Connection to the electronics)

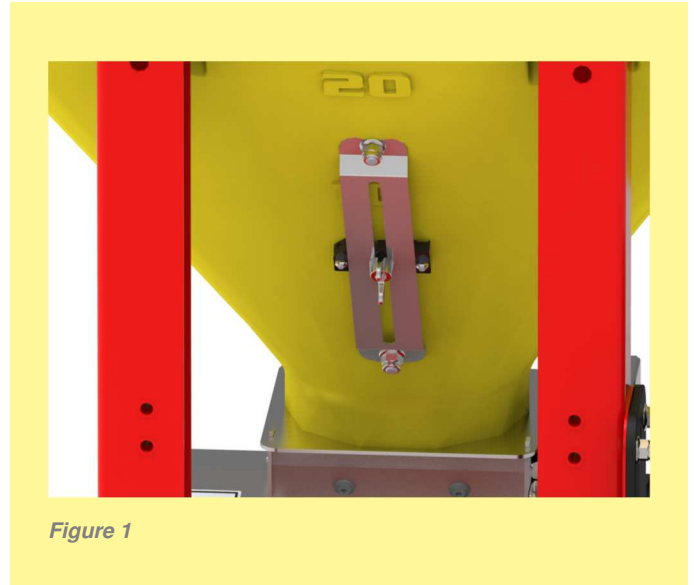


Figure 1

4 Connection to the electronics

Route the cable through the grommet and connect to the terminal block according to the connection diagram (page 4), fill level sensor (FS).

Then check the functionality:

Briefly hold your hand in front of the fill level sensor and a message appears on the control box after 30 seconds.

The sensitivity can be adjusted using the small slotted screw at the rear of the sensor.

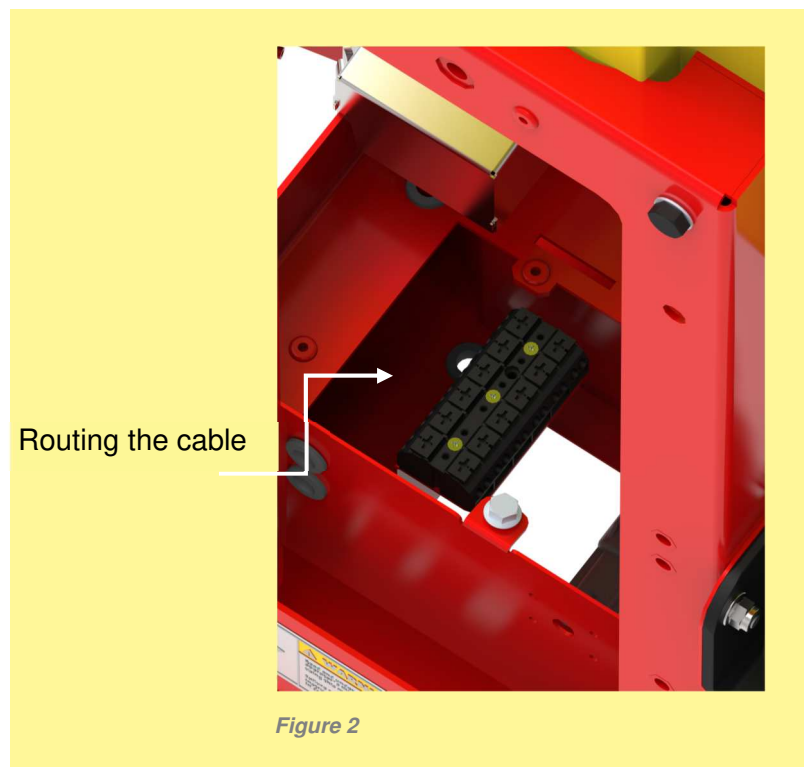
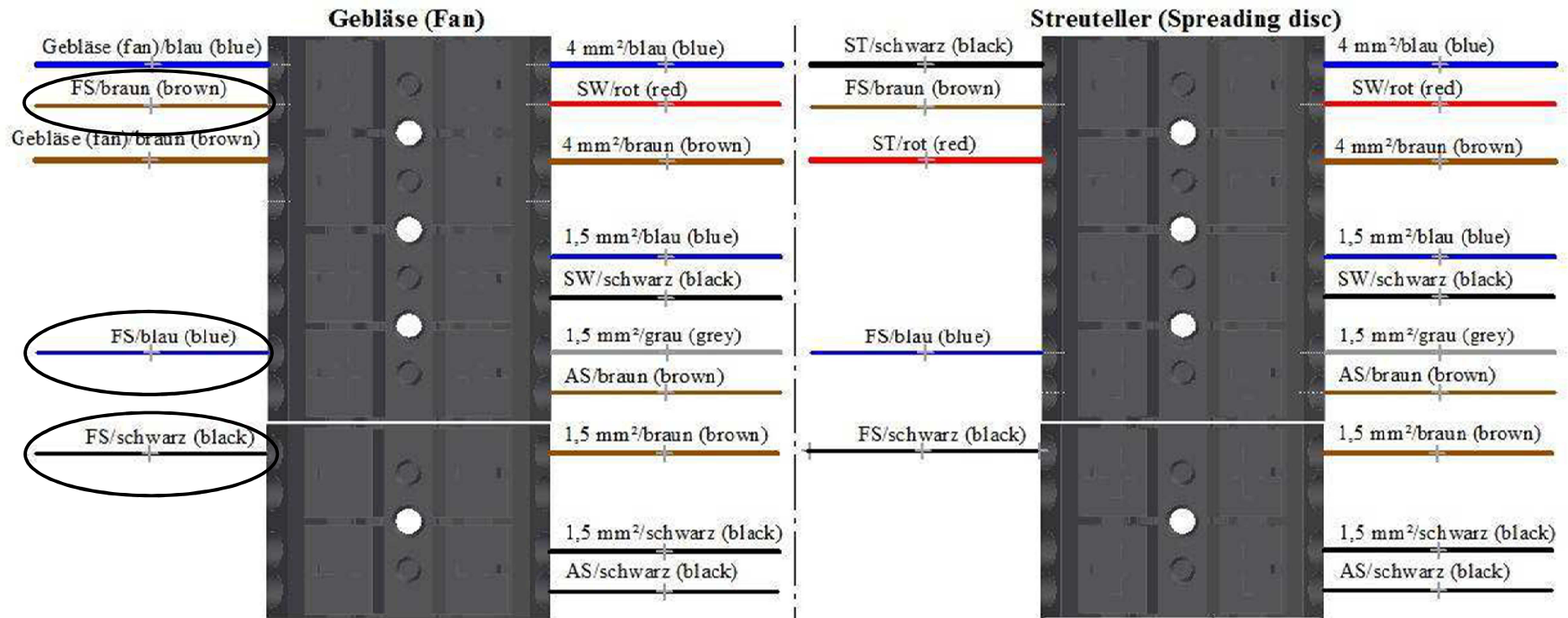
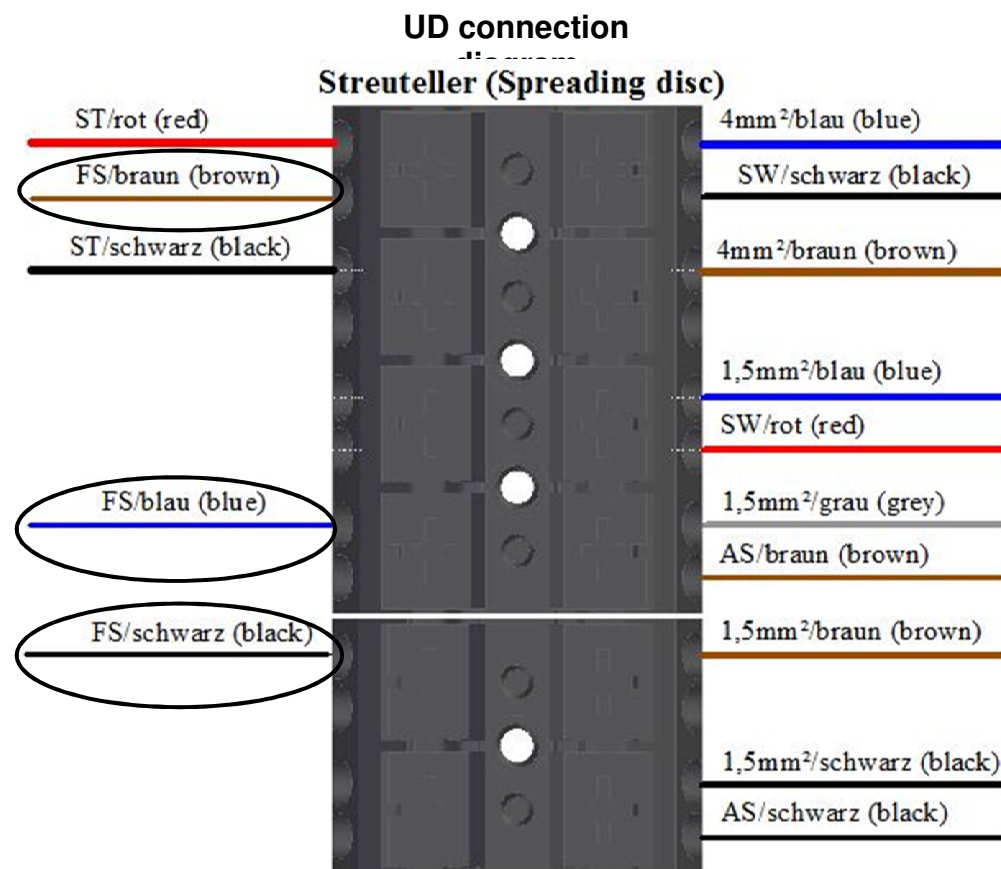


Figure 2

MD connection diagram

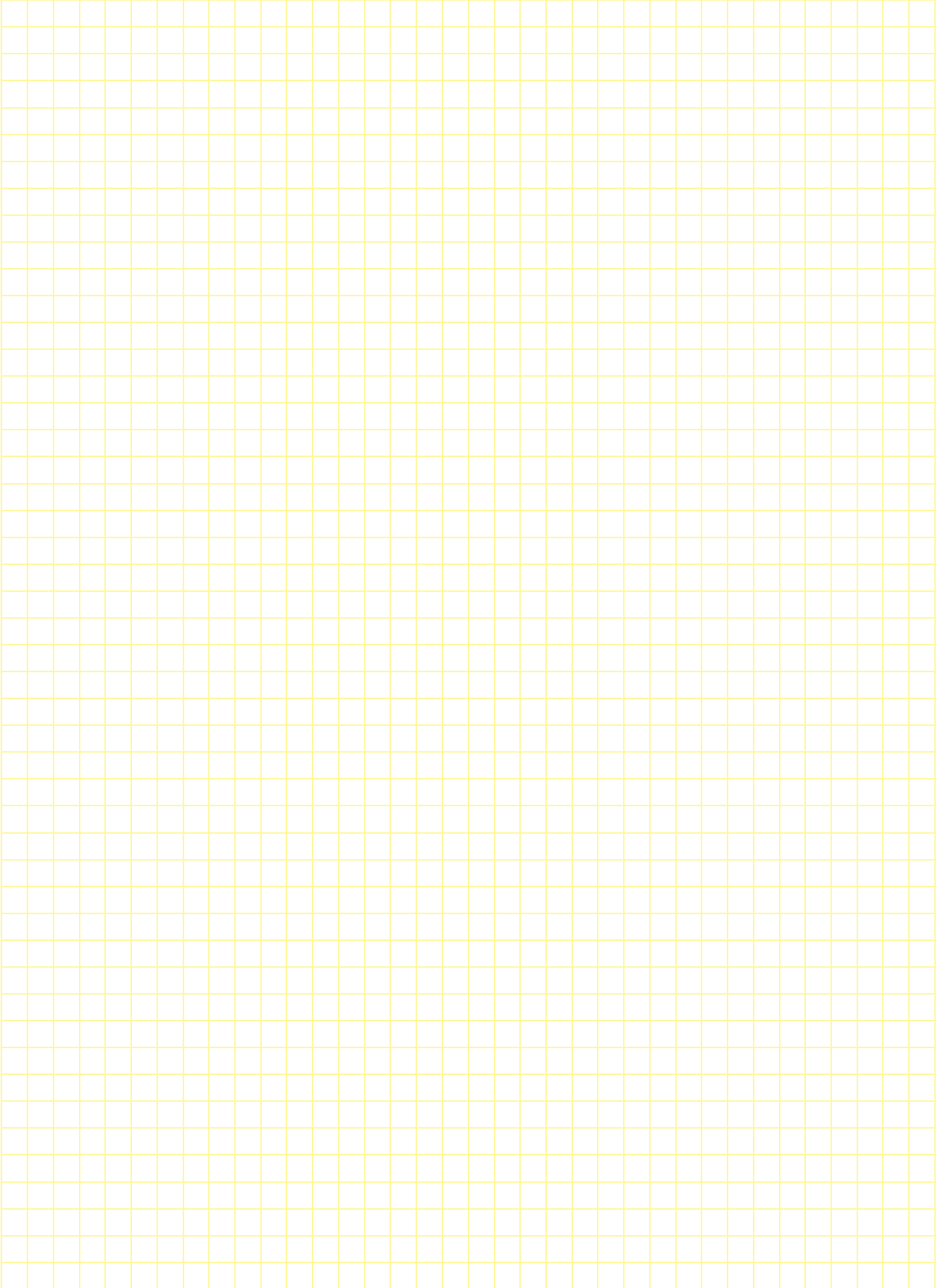


Stecker-PIN (plug-pin)	Gerätekabel (machine cable)	Gebläse (fan)	Streuteller (ST) (spreading disc)	Säwellenmotor (SW) (sowing shaft motor)	Füllstandsensor (FS) (fill level sensor)	Abdrehschalter (AS) (calibration button)
1	4 mm ² / blau (blue)	4 mm ² / blau (blue)	2,5 mm ² / schwarz (black)	1,5 mm ² / rot (red)	0,75 mm ² / braun (brown)	
2	4 mm ² / braun (brown)	4 mm ² / braun (brown)				
3	1,5 mm ² / blau (blue)		2,5 mm ² / rot (red)	1,5 mm ² / schwarz (black)		
4	1,5 mm ² / grau (grey)				0,75 mm ² / blau (blue)	0,75 mm ² / braun (brown)
5	1,5 mm ² / braun (brown)				0,75 mm ² / schwarz (black)	
6	1,5 mm ² / schwarz (black)					0,75 mm ² / schwarz (black)

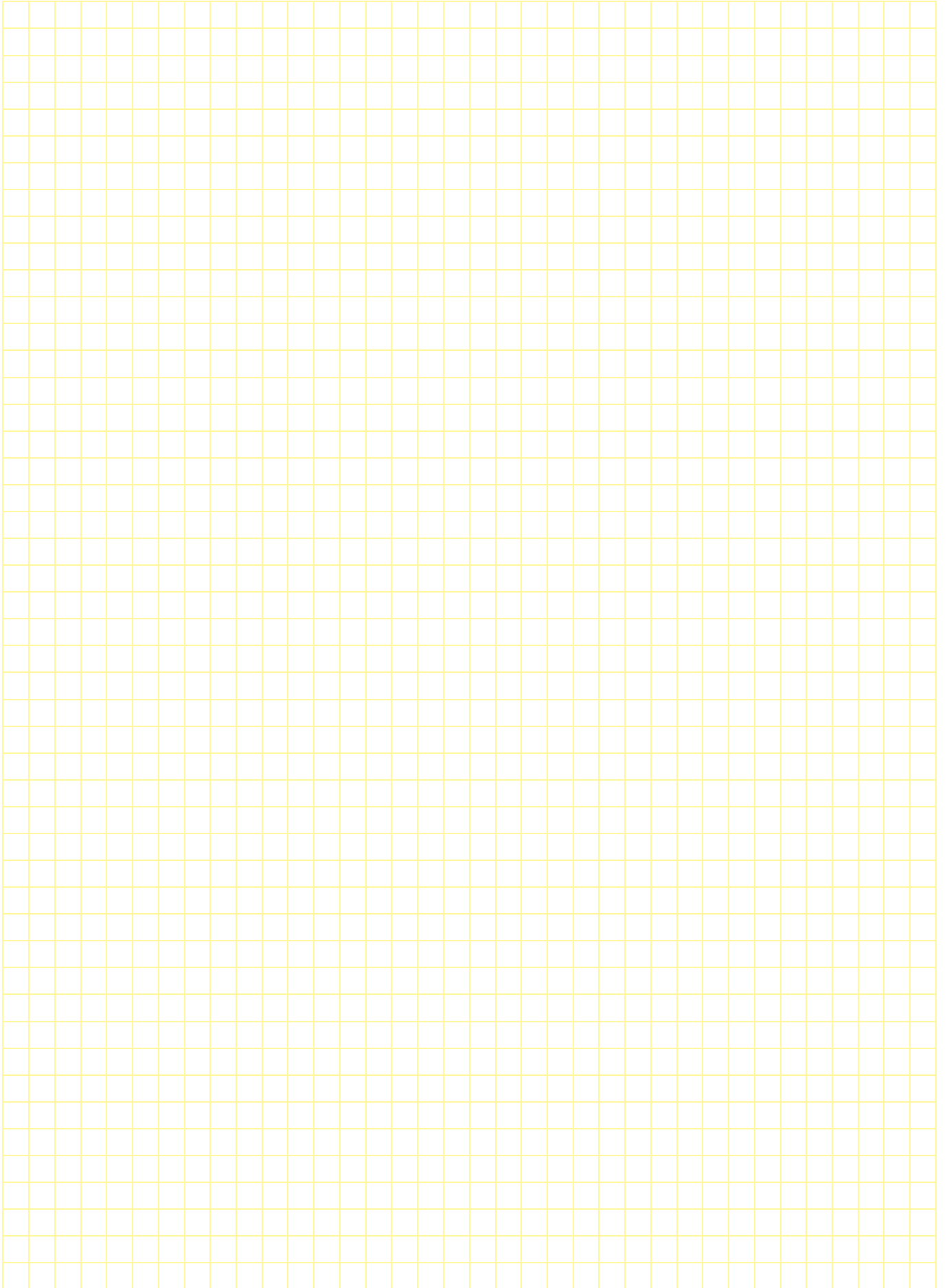


Stecker-PIN (plug-pin)	Gerätekabel (machine cable)	Streuteller (ST) (spreading disc)	Säwellenmotor (SW) (sowing shaft motor)	Füllstandsensor (FS) (fill level sensor)	Abdrehschalter (AS) (calibration button)
1	4mm ² / blau (blue)	2,5mm ² / rot (red)	1,5mm ² / schwarz (black)	0,75mm ² / braun (brown)	
2	4 mm ² / braun (brown)	2,5mm ² / schwarz (black)			
3	1,5mm ² / blau (blue)		1,5mm ² / rot (red)		
4	1,5mm ² / grau (grey)			0,75mm ² / blau (blue)	0,75mm ² / braun (brown)
5	1,5mm ² / braun (brown)			0,75mm ² / schwarz (black)	
6	1,5mm ² / schwarz (black)				0,75mm ² / schwarz (black)

Notes



Notes



Qualität für Profis

- seit 1997 -



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