

# Universal setting cable for tubular motors

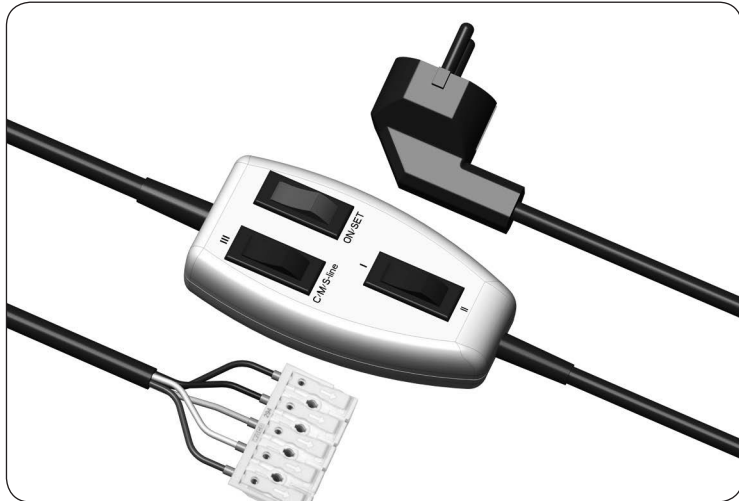
Brief instructions for RolloTube C/M/S-line tubular motors

Item no. 9600 00 86



# RADEMACHER

Bewegt mehr.



## **⚠ DANGER!**



**Risk of fatal electric shock when touching electrical components.**

- ◆ The connection of the tubular motor to the universal setting cable and the final connection of the tubular motor to the mains may only be undertaken by an authorised qualified electrician.
- ◆ Carry out all connection work only in an isolated, de-energised state.
- ◆ Disconnect all phases of the mains power lead and secure it to prevent any reconnection.
- ◆ Check that the system is de-energised.

### Intended use

Use the universal setting cable only for commissioning, end point setting or adjusting the end points of RADEMACHER tubular motors.

### Improper use

Do not use the universal setting cable:

- ◆ for the permanent control of a tubular motor.
- ◆ for the connection and control of other electrical appliances.

### Technical specifications

Operating voltage:	230 V / 50 Hz
Max. switching capacity:	6 (4) A / 250 V AC 1E4
Permissible ambient temperature:	0 to 40°C
Permissible storage temperature:	-10°C to +60°C / Relative humidity: max. 90%
Protection class:	II (only for use in dry rooms)

Intended use

Product description

The universal setting cable is designed for commissioning, end point setting or adjusting the end points of RADEMACHER tubular motors.

### Support for the new C-line, M-line and S-Line tubular motor generation with:

- ◆ Sensor function
- ◆ Single-hand operation possible
- ◆ Connection with the same colours
- ◆ Manual end point setting

### Support for current RADEMACHER tubular motors:

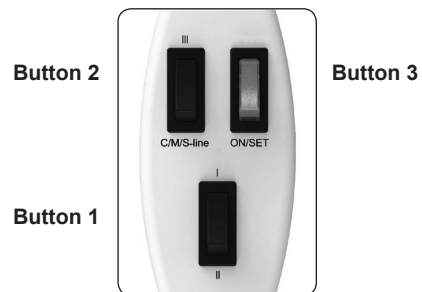
The current generation of RolloTube I-line (DuoFern), X-line motors are also supported.



You can obtain further information on our support for the current RADEMACHER tubular motors on our website [www.rademacher.de](http://www.rademacher.de) or simply scan this R-Code:



### Button assignment



	C-line / M-line	S-line
<b>Button 1</b>	Direction of travel I / II	
<b>Button 2</b>	Set button	
<b>Button 3</b>	No function	Continuous phase

### Pin assignment

The connection is made with the same colours as the motor connecting cable of the respective RolloTube tubular motor.



Before you begin the work, please read the detailed operating manual of the respective tubular motor and follow all the safety instructions and installation instructions.

<b>black</b>	<b>L1</b>	(Direction of travel 1)
<b>brown</b>	<b>L1</b>	(Direction of travel 2)
<b>blue</b>	<b>N</b>	Neutral terminal
<b>green/yellow</b>	<b>PE</b>	Earth
<b>grey or white</b>		<i>varies depending on motor</i>

1. Open the terminal contacts by pressing the plungers and connect all the wires of the motor cable with the same colours and corresponding to their functions.
2. Then insert the mains plug into the mains socket.

Electrical connection

**Only RolloTube S-line**

1. First switch on button 3 (continuous phase).

Continue with point 2.

**RolloTube C/M and S-line**

2. Move the roller shutter in the desired direction with **button 1**.

**Recommendation**  
First in the up direction.

3. In addition press/tap button 2...

4. Release button 2 again as soon as the desired end point is reached.

5. You can adjust the end point in small steps by briefly pressing button 2.

6. Switch off the specified direction of travel after successfully setting the end points.  
The respective end point is stored.

**Only RolloTube S-line**

7. Switch off the continuous phase.



ON/  
SET

The LED on button 3 must light up continuously.



I

Direction of travel 1  
or

II

Direction of travel 2



twice briefly and press and hold the third time.



Set the rocker switch to the centre position.



ON/  
SET

**Exiting end point setting, see next column.**

**Only RolloTube S-line**

1. First switch on button 3 (continuous phase).

Continue with point 2.

**RolloTube C-/M- and S-line**

2. Connect both directions of travel to the mains supply for approx. 5 seconds until the tubular motor confirms this by briefly running up and down.

After that the factory settings are loaded.



ON/  
SET

The LED on button 3 must light up continuously.



or



Switch **button 1** to any position and press **button 2**.

**Exiting end point setting / factory settings**

1. Remove the mains plug from the socket.
2. Disconnect the motor connecting cable.
3. Reconnect the tubular motor to the mains.

◆ **After the end point setting**

Connect the tubular motor to the mains as specified in the respective operating manual.

◆ **After loading the factory settings**

Restore the original tubular motor connection.



RADEMACHER Geräte-Elektronik GmbH hereby declares that the universal setting cable complies with the Directives **2014/30/EU (EMC Directive)** and **2014/35/EU (Low Voltage Directive)**.

Conformity has been verified. The corresponding declarations and documentation are available on file at the manufacturer's premises.

RADEMACHER Geräte-Elektronik GmbH  
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RADEMACHER Geräte-Elektronik GmbH provides a 24 month warranty for new equipment installed in accordance with the installation instructions. All construction faults, material defects and manufacturing defects are covered by the warranty.

Your statutory warranty claims remain unaffected by this warranty.

**The following are not covered by the warranty:**

- ◆ Incorrect fitting or installation
- ◆ Non-observance of the installation and operating manual
- ◆ Improper operation or wear and tear
- ◆ External influences, such as impacts, knocks or weathering
- ◆ Repairs and modifications by third parties, unauthorised persons
- ◆ Use of unsuitable accessories
- ◆ Damage caused by inadmissible excess voltages (e.g. lightning strikes)
- ◆ Operational malfunctions caused by radio frequency overlapping and other such radio interference

A prerequisite for the warranty is that the new device must have been purchased from one of our approved specialist retailers. Proof of this must be provided by presenting a copy of the invoice.

RADEMACHER will remedy any defects that occur within the warranty period free of charge either by repair or by replacement of the affected parts or by supplying a new replacement unit or one to the same value. There is no general extension of the original warranty period by delivery of a replacement or by repair as per the terms of the warranty.

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\* 30 seconds free of charge, subsequently 14 cents/minute from German fixed line networks and max. 42 cents/minute from German cellular networks.