



## Signal transmission systems WLS



EN | Installation instructions

Original instructions

### Mayser GmbH & Co. KG

Örlinger Straße 1-3

89073 Ulm

GERMANY

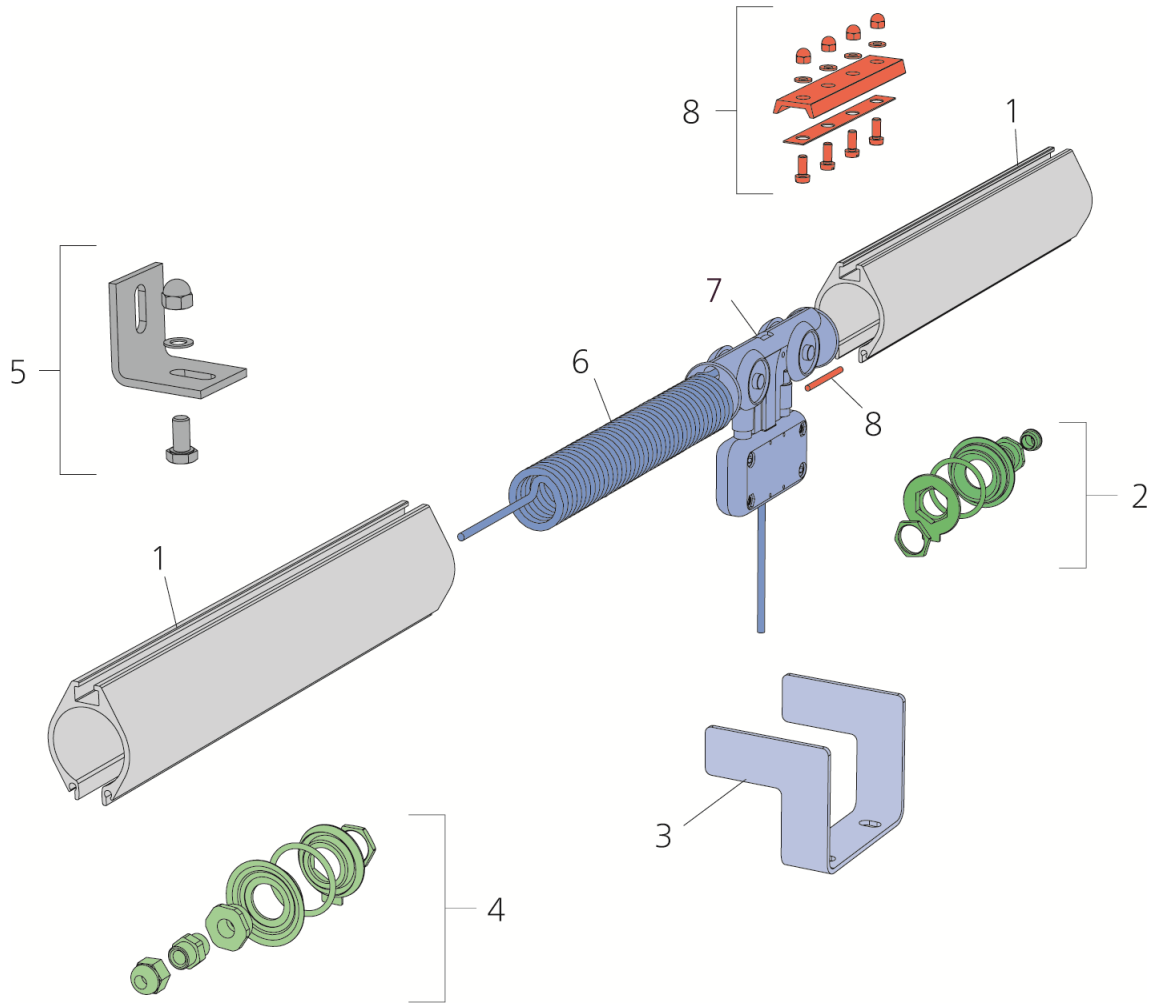
Phone: +49 731 2061-0

Fax: +49 731 2061-222

E-mail: [info.ulm@mayser.com](mailto:info.ulm@mayser.com)

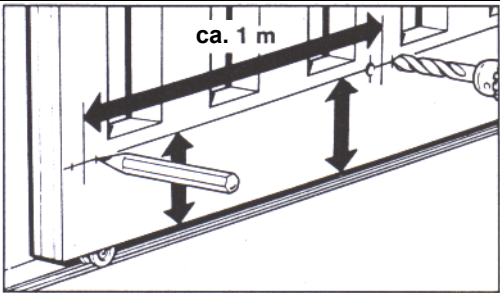
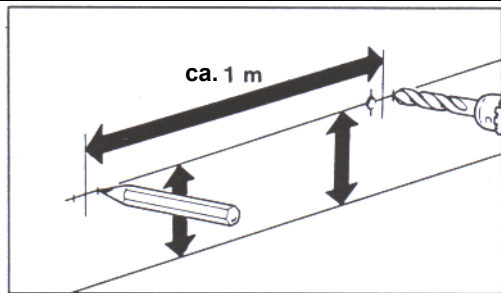
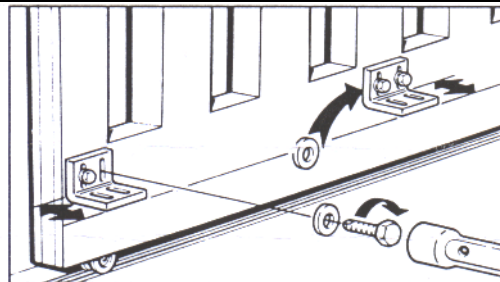
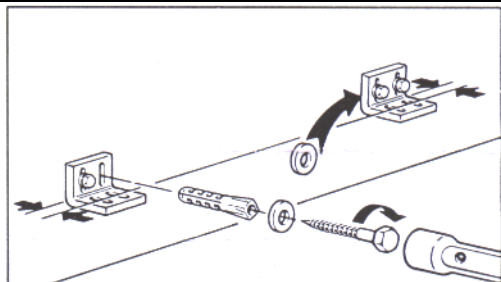
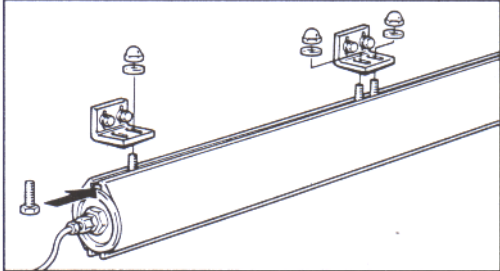
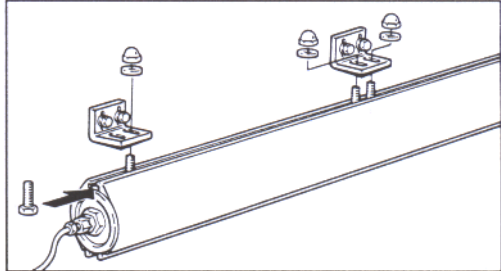
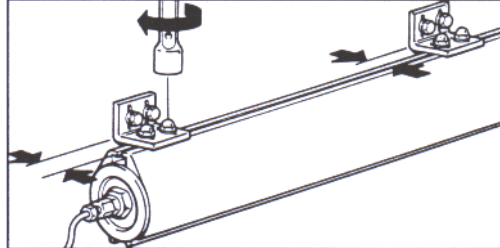
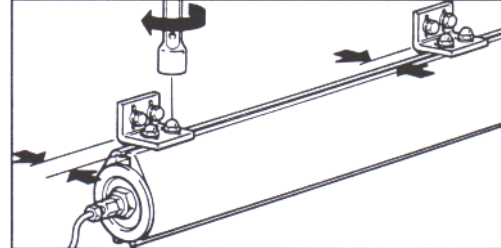
Internet: [www.mayser.com](http://www.mayser.com)

## Overview / Exploded view

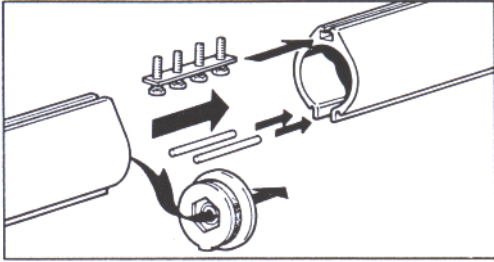
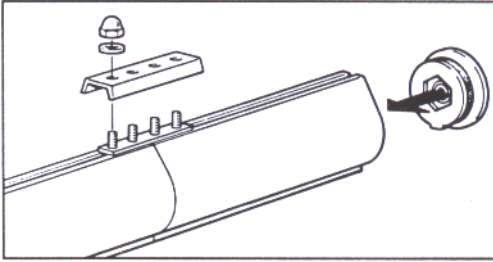
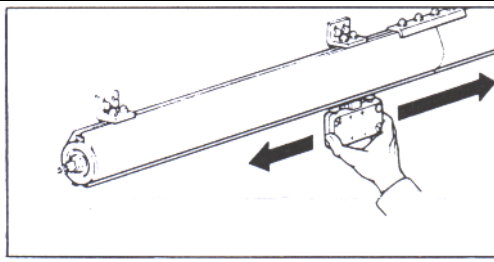
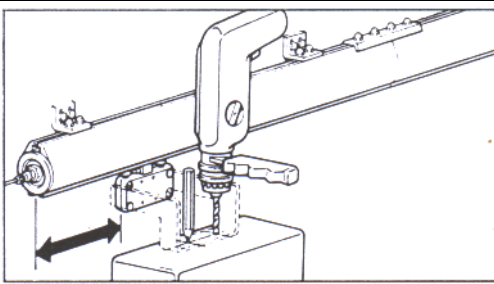
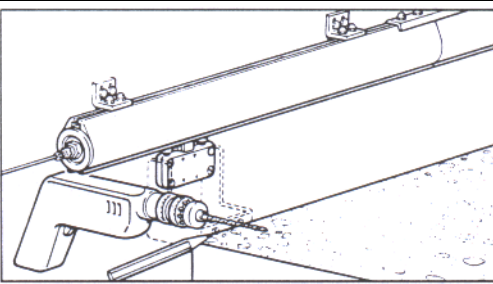
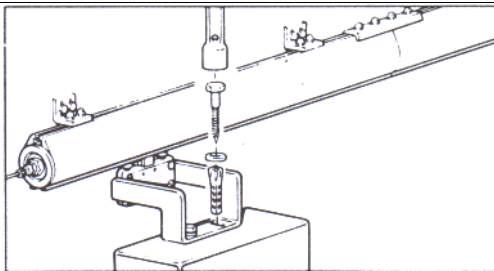
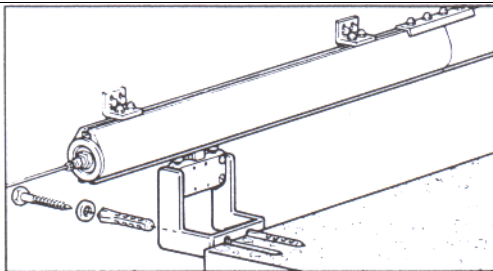


## Components

Standard material			
Position	Designation	Comment	Part No.
1	Profile tube WLS	natural aluminium, anodised; 2, 3, 4 and 6 m	10038-06 ... -09
2	WLS sealing cap	closed	1003792
3	Carrying fork for WLS		1003771
4	WLS sealing cap	PG7	1003791
6 + 7	Spiral cable with carriage	4× 0,14 mm <sup>2</sup>	75015-13 ... -24
8	Tube connector for WLS	stainless steel	1003802
Accessories			
Position	Designation	Comment	Part No.
5	Fastening parts for WLS	incl. nuts and screws	1003804

	Installation on door leaf (moving)	For stationary installation
<b>Preparation</b>		
	Determine WLS mounting position and mark and drill bore holes at intervals of c. 1 m.	Determine WLS position and mark and drill bore holes at intervals of c. 1 m.
<b>Mounting angle</b>		
	Fix the mounting angle.	Fix the mounting angle.
<b>Insert mounting components</b>		
	Insert nuts and screw on angle.	Insert nuts and screw on angle.
<b>Adjusting the profile tube</b>		
	Adjust and fix the profile tube.	Adjust and fix the profile tube.

**Note:** The fastening means shown are not included in the WLS delivery.

<p><b>Connecting the profile tubes</b></p>		
	<p>Insert connecting elements and connect profile tubes.</p>	<p>Insert connecting elements and connect profile tubes.</p>
<p><b>Mounting the carriage with spiral cable</b></p>		
	<p>Insert carriage with spiral cable and end cap in the profile tube and check if it runs smoothly by manually pushing back and forward.</p>	<p><b>Note:</b> The cables must not stretch further than the runway stated on the type plate! Do not apply oil or grease to the spiral cable or carriage!</p>
<p><b>Mounting the carrier</b></p>		
	<p>Mount the carrying fork to the designated position.</p>	
		
	<p>Check that it is securely in place. The carriage must not slide out of the carrying fork.</p>	

**Notes:**

- Mounting position can be horizontal or vertical. If mounting the WLS in horizontal position, make sure the opening in the profile tube shows downwards.
- Please ensure, especially in the winter months, that snowmelt does not lead to the WLS freezing and that the WLS is not covered up during snow clearing/salt spreading operations.
- When undertaking the necessary regular gate check make sure the double insulated spiral cable is in perfect working order and replace any damaged cables.
- Wear parts such as cables and carriages should be replaced simultaneously.
- In order to ensure proper operation of the WLS, only original cables and original profile tubes should be used.