



Installation and Operating Instructions

Suspension System

SYSPEND 180-MAX



Component pictograms



Application examples

This component can either be mounted on the wall or be operated as a standing unit.



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Indication and Use of the instructions

The sequence of the chapters is not necessarily the operation or assembly sequence.

Not all chapters apply for each component.

Indication:

- Pick out the pictogram for the corresponding component shown on the title page
- You will see in the chapters pictograms for which the mounting step applies
- Mounting starts with the plant, machine or wall mounting and the corresponding chapter

Safety instructions



Attention

Mechanical Data

Material:		
Components	GD-AI	
Seals	CR (Neoprene) / NBR	
Plastic	POM	
Protection class	IP 65	

Load diagram for static load capacity SYSPEND 180-MAX



Installation and adjustment

(1) Mounting to plant or machine



Caution: The mounting surface must be smooth and flat. If not avoided, it is possible that problems of load, adjustment and protection class arise.



2 Tube mounting vertically

Indication: Mounting of the component "wall joint S" is illustrated below.





③ Tube mounting horizontally

Indication: Mounting of the component "wall joint W" is illustrated below.



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(4) Vertical tube adjustment (also possible later)

Indication: Adjustment of the component "wall joint S" is illustrated below.

Left adjustment



- Tighten the screw 5–6 until the desired position is reached
- Tighten the screw 3–6 with 30 Nm

Right adjustment



- Tighten the screw 3–4 until the desired position is reached
- Tighten the screw 3-6 with 30 Nm

(5) Horizontal tube adjustment (also possible later)

Indication: Mounting of the component "wall joint W" is illustrated below.



- Loosen the screw 3-6
- Tighten the screw 5-6 until the desired position is reached
- Tighten the screw 3-6 with 30 Nm

Downward adjustment



- Loosen the screw 3–6
- Tighten the screw 3-4 until the desired position is reached
- Tighten the screw 3-6 with 30 Nm

Mounting to enclosure

1 Mounting to control enclosure by using coupling or elbow coupling

Indication: Mounting of the component "coupling" is illustrated below



Tube Cutoff









③ Mounting to control enclosure by using panel coupling

Indication: Mounting of the component "Panel coupling W" is illustrated below



When using panel coupling components, always ensure that the stability of the mounting surface is suitable for mounting. Attention

Screwing the clamping lever

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- Insert the Lock Actuator in the threaded bore
- Screw the clampling lever

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Modification of firmness



Adjustment screw M6

- Adjust the clamping lever to increase or decrease resistance
- Factory preset to optimum torque setting

- Adjust screw to increase or decrease resistance
- Factory preset to optimum torque setting

Joint cap mounting and dismounting

Indication: Mounting and dismounting of the component "elbow coupling" is illustrated below



Indication: Mounting and dismounting of the component "elbow" is illustrated below



0800000790 / Status: 1 / Date of issue: 14.10.2015

Accessories

Article number	Туре
S1MRL	Swivel angle limiter

Indication: Mounting of the swivel angle limiter is illustrated below by the component "coupling".



Once fitted the swivel angle limiters can removed at any time

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Article number	Туре
S1MRL	Swivel angle limiter

Indication: Mounting of the swivel angle limiter is illustrated below by the component "elbow coupling".



Once fitted the swivel angle limiters can removed at any time

Accessories



• Refit the cover again on the component

The German version is the original Installation and Operating Instructions.

If this manual appears in other languages, it is simply the translation of the original Installation and Operating Instructions.