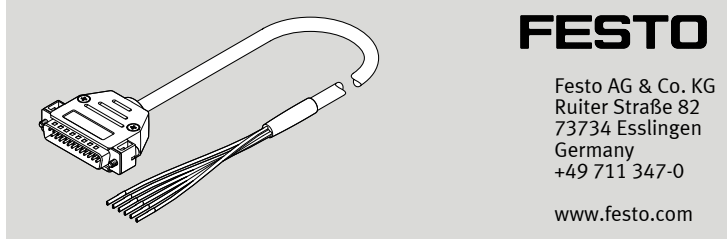


# Connecting line NEBC-S1G25-P-...-LE6



Instructions | Assembly

8079938  
2017-11  
[8079940]



Translation of the original instructions

## 1 Further applicable documents

All available documents for the product → [www.festo.com/pk](http://www.festo.com/pk).

## 2 Safety

### 2.1 Safety instructions

- Do not connect or disconnect plug connector when powered.
- Before starting mounting work: Switch off power supply.
- Observe tightening torques.

### 2.2 Intended use

Connection of servo press kit YJKP to the motor controller CMMP-AS.

## 3 Configuration

### 3.1 Product design

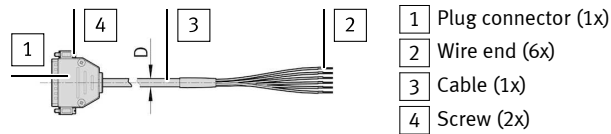


Fig. 1

### 3.2 Pin allocation

Port 1	Pin	Wire colour <sup>1)</sup>
1 (+) 13	1 ... 6	–
14 (+) 25	7	BN
	8	YE
	9	GY
	10 ... 18	–
	19	WH
	20	GN
	21	PK
	22 ... 25	–

1) Colour code in accordance with IEC 60757:1983-01

Tab. 1 Pin allocation NEBC-S1G25-P-...-LE6

## 4 Mounting

### 4.1 Mounting, field device side

- Connect plug connector 1 to the matching socket.
- Tighten the screws 4.

### 4.2 Mounting, controller side

- Connect the wires in accordance with the pin allocation.

### 4.3 Installation

- Install cable statically.

## 5 Technical data

NEBC-S1G25-P-...-LE6	
Cable characteristic	For static applications
Cable composition	[mm <sup>2</sup> ] 7x0.5
Cable diameter	D [mm] 6.9
Current rating at 40 °C	[A] 0.1
Surge resistance	[kV] 300
Degree of protection	IP20
Note on degree of protection	In assembled state

## NEBC-S1G25-P-...-LE6

Operating voltage range		
DC	U <sub>B</sub> [V]	0 ... 24
Bending radius		
Fixed cable installation	R [mm]	≥ 28
Ambient temperature		
Fixed cable installation	[°C]	–20 ... +75
Material		
Cable sheath		PVC
Insulating sheath		PVC
Electrical connection 1		
Function		Field device side
Connection type		Plug connector
Connection technology		Sub-D
Type of mounting		2x screw 4-40 UNC
Tightening torque	[Nm]	0.4 ± 10 %
Electrical connection 2		
Function		Controller side
Connection type		Cable
Connection technology		Open end
Wire ends		Wire end sleeve

Tab. 2 Technical data NEBC-S1G25-P-...-LE6