SK TIE4-RJ12-RJ12

Part number: 275 274 601

Connection cable connection extension

Scope of delivery

1 x	Connection cable	SK TIE4-RJ12-RJ12

Field of use

This connection extension is used to connect a parameterisation unit to drive electronics devices from Getriebebau NORD GmbH & Co. KG. The connection cable is equipped with RJ12 plugs (6/6) on both ends.

Use

The connection cable connects the parameterisation unit with the communication interface of the device. The RJ12 plug without latching tab (see cable end with label) is connected to the diagnostic interface of the drive electronics and the other RJ12 plug (with latching tab) to the RJ12 socket of the parameterisation unit. This connection extension can be used for all NORD drive electronics.
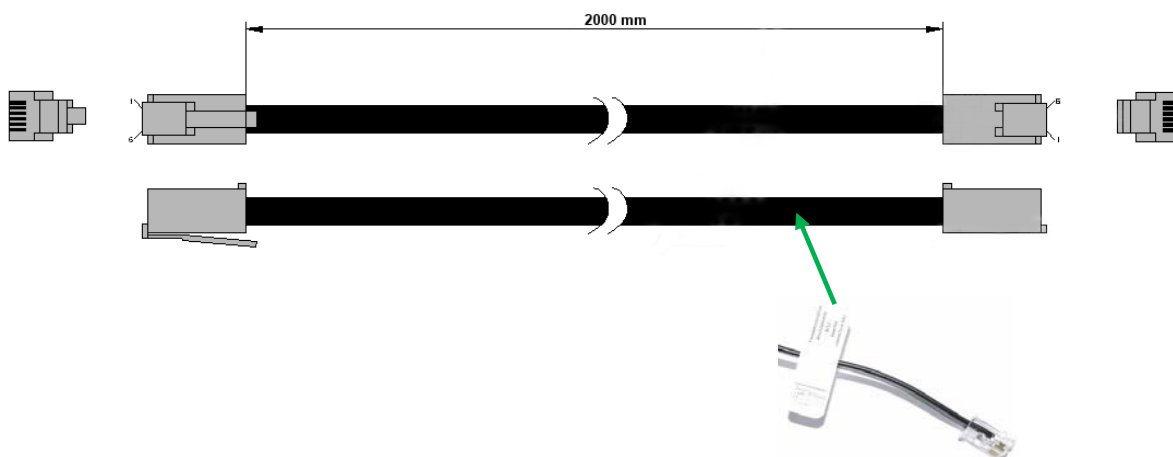
Technical data

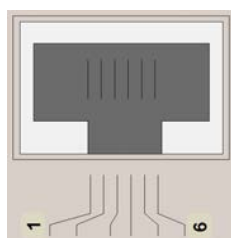|				
Temperature range	-5 … 50 °C		Cable sheath colour	Black
Protection class	IP20		Plug colour	Transparent
Weight	46 g		Plug	2x RJ12 (6P6C)
Cable sheath material	Polyvinyl chloride (PVC)		Cable length	2 m

Connections

The connection extension is looped in between parameterisation unit (1) and the device (2).

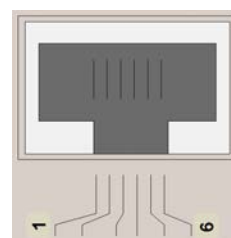| ParameterBox		Connection cable	Frequency inverter
SK PAR-3H	SK PAR-3E	SK TIE4-RJ12-RJ12	NORDAC *PRO* SK 500P NORDAC *PRO* SK 500E NORDAC *LINK* SK 250E-FDS NORDAC *LINK* SK 155E-FDS NORDAC *ON* SK 300P NORDAC *FLEX* SK 200E NORDAC *BASE* SK 180E
SimpleControlBox			**BUS connection unit**
SK CSX-3H	SK CSX-3E		SK TI4-TU-BUS
① Parameterisation units (RS 485 interface)		**Connection extension** (enclosed with parameterisation unit)	**② Communication interface** (RS 485 interface)

(1) RJ12 – RS485 details

RJ12 pin	Signal	Description
1	A (+)	RS485_A
2	B (-)	RS485_B
3	GND	Ground
4	n.c.	
5	n.c.	
6	+24 V-	24 V ± 20%

(2) RJ12 – RS485 details

RJ12 pin	Signal	Description
1	A (+)	RS485_A
2	B (-)	RS485_B
3	GND	Ground
4	n.c.	
5	n.c.	
6	+24 V-	24 V ± 20%

ⓘ Information

Connection to the NORDAC *START* SK 135E

The NORDAC *START* has only one RS232 interface. The optional SK TIE4-RS232-RS485 interface converter connection extension is required for the connection.

For detailed information, refer to the Technical Information 📖 TI 275274603.

The connection cable is 6-pole and is also used for connection to RS232 interfaces.

RJ12 – RS232 details

RJ12 pin	Signal	Description
1	A (+)	RS485_A
2	B (-)	RS485_B
3	GND	Ground
4	TXD	Transmission data
5	RXD	Receive data
6	+24 V-	24 V ± 20%