

# GETRIEBEBAU NORD

Member of the NORD DRIVESYSTEMS Group



Getriebebau NORD GmbH & Co. KG

Getriebebau-Nord-Straße 1 • 22941 Bargteheide, Germany • www.nord.com

## SK CE-A5F-AGC-A5F-xxM

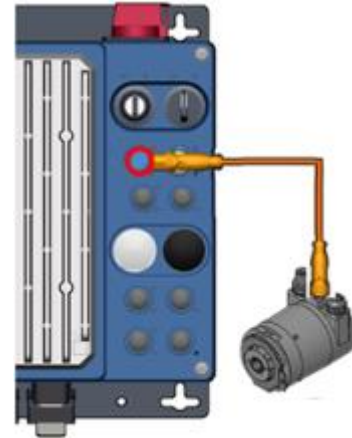
### Cable AG4-AG

#### Scope of supply

1 x	M12 plug (M), 5-poles, straight
1 x	Cable with 4 single wires, shielded, twisted pairs
1 x	M12 plug (F), 5-poles, straight,

Part number	Cable length
275 274 890	1.5 m
275 274 891	3 m
275 274 892	5 m
275 274 893	10 m

Absolute encoder cable for NORD option:  
**"AG4"** absolute encoder (AG&IG CANopen)



### DANGER!

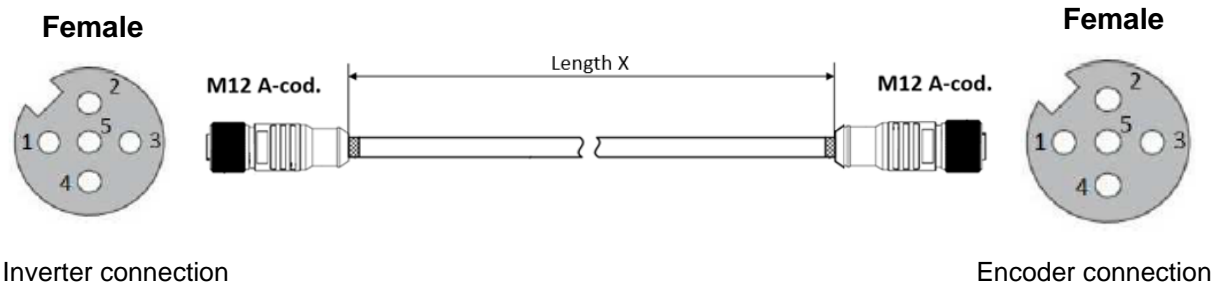
### Danger of electric shock

The frequency inverter continues to carry hazardous voltages for up to 5 minutes after it was switched off.

- Work must not be carried out unless the device has been disconnected from the voltage and at least 5 minutes have elapsed since the mains was switched off!

#### Field of use

The encoder cable connects the electronic device with the NORD absolute encoder "AG4". The encoder "AG4" ("AG&IG") is equipped with a CANopen interface.



Technical Information / Datasheet	SK CE-A5F-AGC-A5F-xxM			
Specification of connection cable	TI 275 274 890-893	1.0	3419	en

**i Information**

**Fixed laying system for the cable**

This cable is only useable for stationary (not moved) installation. All values for the fixed laying system are noted on this data sheet. Other laying systems are not allowed with this cable type.

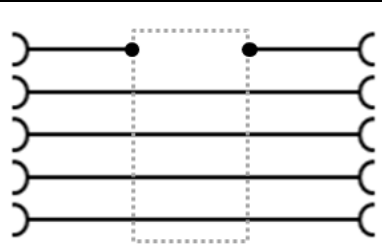
**Technical Data**

M12 plug	Specification	
	Female (F)	Female (F)
Contact quantity	5-poles	
Coding	A – coded	
Contact type	Female (F)	Female (F)
Screw M12x1	Nut	Nut
Construction type	straight	
Protection (screwed)	IP67	
Breakaway torque	0,6 Nm	
Pollution degree	3	

Cable	Specification
Braid shield coverage	Existent, 80%
Material	Tinned copper

Cable	Specification
AWM Style	20233
Jacket material	PUR
Jacket color	Grey
Outside diameter	7.2 mm (+/- 0.2)
Bending radius	4x cable diameter
Wire cross section	2x 2x 0.34 mm <sup>2</sup>
Wire isolation	PP
General information	
Operating voltage	Max. 60 V DC
Operating current	Max. 2 A
Operating temperature	-10 ... + 80°C
Flammability test	FT2

**PIN assignment:**

Function	PIN Female (F) electronic	Schematic diagram	PIN Female (F) encoder	Function
CAN_Shield	1		1	CAN_Shield
+24V DC	2		2	+24V DC
GND	3		3	GND
CAN_H	4		4	CAN_H
CAN_L	5		5	CAN_L