

# GETRIEBEBAU NORD

Member of the NORD DRIVESYSTEMS Group



Getriebebau NORD GmbH & Co. KG

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

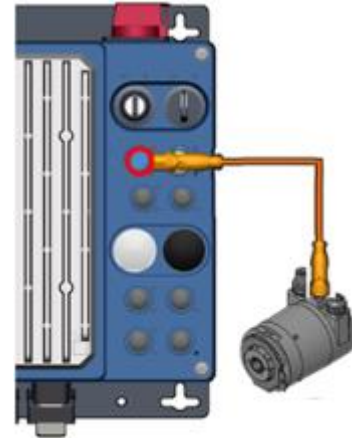
### Cable AG4-AG

#### 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 cables are usable for the following NORD encoder:

- AG4

#### Necessary inverter conditions

The frequency inverter must be equipped with the following M12-plug:

- SK TIE4-M12-SYSS (for absolute encoder connection)

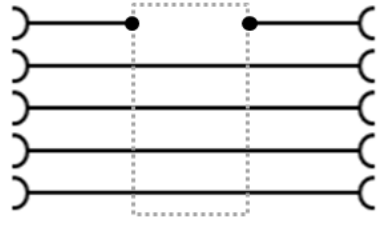
Technical Information / Datasheet	SK CE-A5F-AGC-A5F-xxM			
Specification of connection cable	TI 275 274 890-893	2.0	0820	en

**Technical Data**

M12 plug	Specification	
	Female (F)	Female (F)
Contact quantity	5-poles	5-poles
Coding	A – coded	A – coded
Contact type	Female (F)	Female (F)
Screw M12x1	Nut	Nut
Used contacts	4	
Rated current	2 A	
Rated voltage	Max. 60 V	
Construction type	straight	
Protection (screwed)	IP67	
Breakaway torque	0,6 Nm	
Pollution degree	3	

Cable	Specification
AWM Style	20233
Wire cross section	2x 2x 0.34 mm <sup>2</sup>
Bending radius	4x cable diameter
Outside diameter	7.2 mm (+/- 0.2)
Conductor material / type	Cu, finely stranded
Operating temperature	-10 ... + 80 °C
Rated current	Max. 2 A
Rated voltage	Max. 60 V DC
Braid shield coverage	Existent, >= 85%
Shield material	Tinned copper
Installation type	Fixed laying
Jacket material	PUR
Jacket color	Grey (RAL 7001)
Wire isolation	PP
Drag chain compatibility	No
Halogen-free	Yes
Flammability test	FT2

**PIN assignment:**

Function	PIN Female (F) electronic	Schematic diagram	PIN Female (F) encoder	Function
CAN_Shield	1		1	CAN_Shield
Not used	2		2	Not used
GND	3		3	GND
CAN_H	4		4	CAN_H
CAN_L	5		5	CAN_L

