

GETRIEBEBAU NORD

Member of the NORD DRIVESYSTEMS Group



Getriebebau NORD GmbH & Co. KG

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SK CE-A5M-AG-OE-xxM

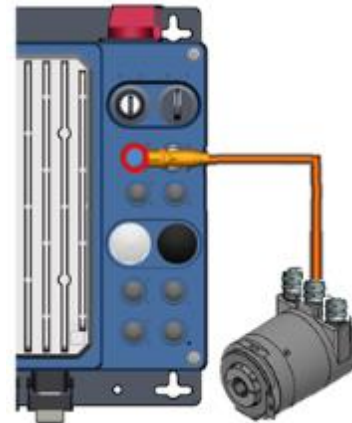
Cable AG7

Scope of supply

1 x	M12 plug (M), 5-poles, straight
1 x	Cable with 6 single wires, shielded, twisted pairs

Part number	Cable length
275 274 865	1.5 m
275 274 866	3 m
275 274 867	5 m
275 274 868	10 m

Absolute encoder cable for NORD option:
"AG7" / "AG6" absolute encoder (AG KU CANopen)



Only qualified electricians is allowed to install and commission the module. An electrician is a person who, because of their technical training and experience, has sufficient knowledge with regard to

- switching on, switching off, isolating, earthing and marking power circuits and devices,
- proper maintenance and use of protective devices in accordance with defined safety standards.



DANGER!

Danger of electric shock

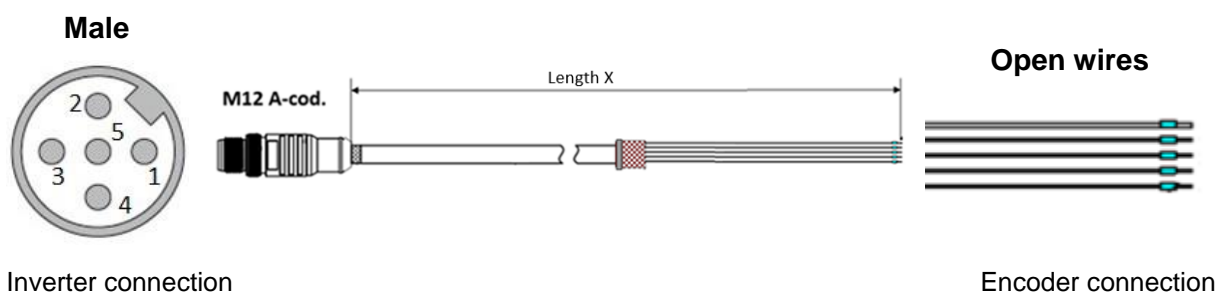
The frequency inverter continues to carry hazardous voltages for up to 5 minutes after it was switched off.

- 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 "AG7" or "AG6". The absolute encoders "AG7" or "AG6" are equipped with a CANopen interface.

Technical Information / Datasheet	SK CE-A5M-AG-OE-xxM			
Specification of connection cable	TI_275274865-868	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
	Male
Contact quantity	5-poles
Coding	A – coded
Contact type	Male (M)
Screw M12x1	Screw
Construction type	straight
Protection (screwed)	IP67
Breakaway torque	0,6 Nm
Pollution degree	3

Cable	Specification
AWM Style	20549
Jacket material / color	PUR / Grey
Wire isolation	PP
Outside diameter	6.5 mm (+/- 0.2)
Bending radius	4x cable diameter
Wire cross section	3x 2x 0.25 mm ²
Open wires	150mm dismantled
General information	
Operating voltage	Max. 60 V DC
Operating current	Max. 2 A
Operating temperature	-10 ... + 80°C
Flammability test	FT2

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

PIN assignment:

Function	PIN Male (M) electronic	Schematic diagram	Open wires encoder	Cable colors
CAN_Shield	1		1	White
+24 V	2		2	Brown
GND	3		3	Blue
CAN_H	4		4	Black
CAN_L	5		5	Grey