

# GETRIEBEBAU NORD

Member of the NORD DRIVESYSTEMS Group



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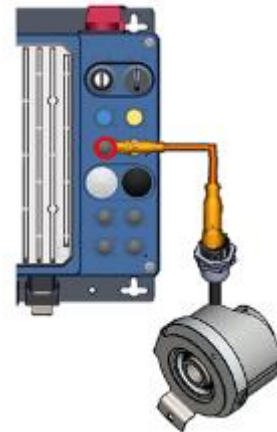
## SK CE-A5M-IG0-A8F-xxM

### Cable IG-IGx2P8

#### Scope of supply

1 x	M12 plug (M), 5-poles, straight
1 x	Cable with 6 single wires, shielded, twisted pair
1 x	M12 plug (F), 8-poles, straight

Part number	Cable length
275 274 645	1.5 m
275 274 646	3 m
275 274 647	5 m
Cable HTL Incremental Encoder for NORD option: "IG12P8 / IG22P8 / IG42P8" (8-poles) with 0-Track	



### DANGER!

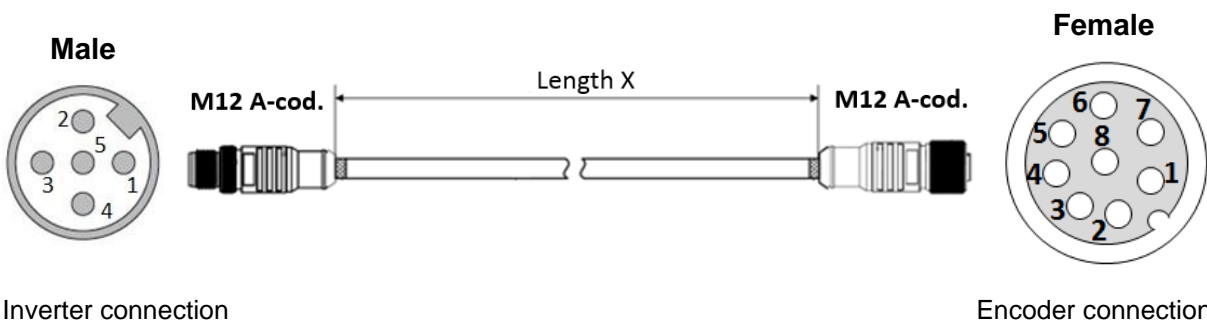
#### Danger of electric shock

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

Incremental encoder cable connects the electronic device with the NORD motor via "IGx2P8" motor option. The "IGx2P8" option is equipped with 8-poles M12 standard plug.



### 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 Information / Datasheet	SK CE-A5M-IG0-A8F-xxM			
Specification of connection cable	--	1.0	4519	en


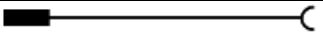
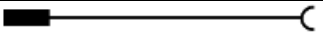


**Technical Data**

M12 plugs	Specification	
	Male (M)	Female (F)
Contact quantity	5-poles	8-poles
Coding	A – coded	A – coded
Contact type	Male (M)	Female (F)
Screw M12x1	Screw	Nut
Construction type	Straight	
Protection (screwed)	IP67	
Breakaway torque	0,6 Nm	
Pollution degree	3	

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

Cable	Specification
AWM Style	20549
Jacket material	PUR
Jacket color	Grey
Outside diameter	6.5 mm (+/- 0.25)
Bending radius	4x cable diameter
Wire cross section	3x 2x 0.25 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 Male 5-polig (M)	Wiring diagram	PIN Female 8-poles (F)	Function
+Ub	1		2	+Ub
Track „B“	2		5	Track „B“
GND 0V	3		1	GND 0V
Track „A“	4		3	Track „A“
Track “0”	5		7	Track “0”
		Not used	4	
		Not used	6	
		Not used	8	