

GETRIEBEBAU NORD

Member of the NORD DRIVESYSTEMS Group



Getriebebau NORD GmbH & Co. KG

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SK CE-B4M-IG-A8F-xxM

Cable IG-IGx2P

Scope of supply

1 x	M12 plug (M), 4-poles, straight
1 x	Cable with 4 single wires, shielded, twisted pair
1 x	M12 plug (F), 8-poles, straight

Part number	Cable length
275 274 675	1.5 m
275 274 676	3 m
275 274 677	5 m
Cable Incremental Encoder for NORD option: "IGx2P" with M12 plug with 8-poles	



! DANGER!

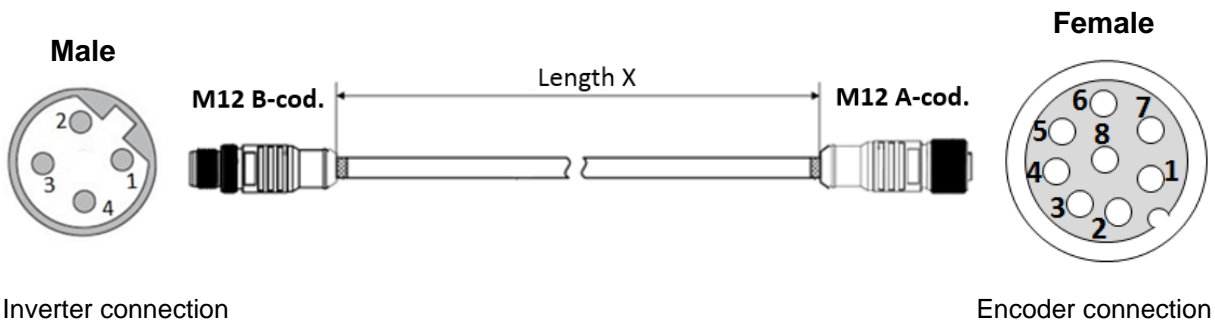
Danger of electric shock

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 "IGx2P" motor option. The "IGx2P" option is equipped with 8-poles M12 standard plug.



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 Information / Datasheet	SK CE-B4M-IG-A8F-xxM			
Specification of connection cable	TI_275274675-677	1.0	3419	en





Technical Data

M12 plugs	Specification	
	Male (M)	Female (F)
Contact quantity	4-poles	8-poles
Coding	B – 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	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 ²
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 4-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“
		Not used	4	
		Not used	6	
		Not used	7	
		Not used	8	