

# GETRIEBEBAU NORD

Member of the NORD DRIVESYSTEMS Group



Getriebebau NORD GmbH & Co. KG

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

## SC S4Y0.34 M12-B4SMM M12-A8SMF xxx

Cable IG-IGx2P

### Scope of supply

NORD signal cable		
Preconfigured for connection via two plugs.		
Name	p / n	Length
SC S4Y0.34 M12-B4SMM M12-A8SMF 1.5	275 274 675	1.5 m
SC S4Y0.34 M12-B4SMM M12-A8SMF 3	275 274 676	3.0 m
SC S4Y0.34 M12-B4SMM M12-A8SMF 5	275 274 677	5.0 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.

Technical Information / Datasheet	SC S4Y0.34 M12-B4SMM M12-A8SMF			
Specification of connection cable	TI 275274675-677	3.0	3820	en

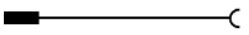
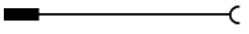
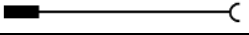
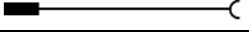
### Technical Data

Specification	Side A – M12 plug
Number of contacts	4
Coding	B – coded
Type of contact	Male (M)
Screw M12x1	Screw
Housing type	straight
Housing material	metal
Protection (screwed)	IP67
Breakaway torque	0,6 Nm
Pollution degree	3

Specification	Side B – M12 plug
Number of contacts	8
Coding	A – coded
Type of contact	Female (F)
Screw M12x1	Nut
Housing type	straight
Housing material	metal

Cable	Specification
AWM Style	20233
Cross section	0.34 mm <sup>2</sup>
Bending radius	4x cable diameter
Outside diameter	7.2 mm (+/- 0.2)
Operating temperature	-10 ... + 80°C
Operating voltage	Max. 60 V DC
Operating current	Max. 2 A
Installation type	Fixed laying
Jacket material	PUR
Jacket colour	Grey
Cable shield	Yes
Flammability test acc. to	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	

