

GETRIEBEBAU NORD

Member of the NORD DRIVESYSTEMS Group



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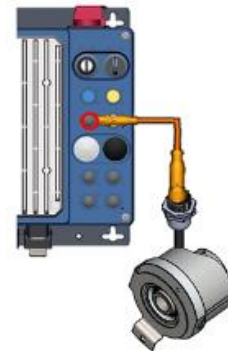
SC S5Y0.25 M12-A5SMM M12-A5SMF xxx

Cable IG-IGx2P5

Scope of supply

NORD signal cable
Preconfigured for connection via two plugs.

Name	p / n	Length
SC S5Y0.25 M12-A5SMM M12-A5SMF 1	275 274 879	1.0 m
SC S5Y0.25 M12-A5SMM M12-A5SMF 1.5	275 274 874	1.5 m
SC S5Y0.25 M12-A5SMM M12-A5SMF 2	275 274 875	2.0 m
SC S5Y0.25 M12-A5SMM M12-A5SMF 3	275 274 876	3.0 m
SC S5Y0.25 M12-A5SMM M12-A5SMF 5	275 274 877	5.0 m
SC S5Y0.25 M12-A5SMM M12-A5SMF 10	275 274 878	10.0 m
HTL encoder cable for NORD option: "IG12P5 / IG22P5 / IG42P5" (5-poles) with 0-Track		



275 274 878

⚠ 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 cable connects the electronic device and the NORD incremental encoder "IGx2P5" (HTL) with 0-Track. The option "IG12P5 / IG22P5 / IG42P5" must be equipped with a 5-poles M12 encoder plug type.

Technical Information / Datasheet	SC S5Y0.25 M12-A5SMM M12-A5SMF			
Specification of connection cable	TI 275274874-879	3.0	3820	en




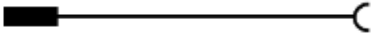

Technical Data

Specification	Side A – M12 plug
Number of contacts	5
Coding	A – 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	5
Coding	A – coded
Type of contact	Female (F)
Screw M12x1	Nut
Housing type	straight
Housing material	metal

Cable	Specification
AWM Style	20549
Cross section	0.25 mm ²
Bending radius	4x cable diameter
Outside diameter	6.5 mm (+/- 0.25)
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 (M) at electronic side	Schematic diagram	PIN Female (F) at encoder side	Function
+24 V	1		1	+24 V
„B“ Track	2		2	„B“ Track
GND	3		3	GND
„A“ Track	4		4	„A“ Track
„Zero“ Track	5		5	„Zero“ Track

