

GETRIEBEBAU NORD

Member of the NORD DRIVESYSTEMS Group



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SC S5Y0.25 M12-A5SMM OEF xxx

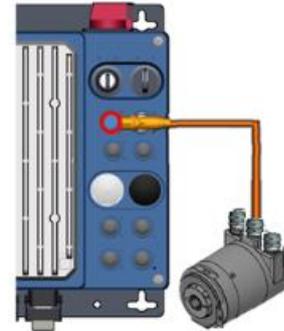
Cable Signal AG7 / AG6

Scope of supply

| |
|---|
| NORD signal cable |
| Preconfigured for connection with one plug. |

| Name | p / n | Length |
|------------------------------|-------------|--------|
| SC S5Y0.25 M12-A5SMM OEF 1.5 | 275 274 865 | 1.5 m |
| SC S5Y0.25 M12-A5SMM OEF 3 | 275 274 866 | 3.0 m |
| SC S5Y0.25 M12-A5SMM OEF 5 | 275 274 867 | 5.0 m |
| SC S5Y0.25 M12-A5SMM OEF 10 | 275 274 868 | 10.0 m |

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



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 | SC S5Y0.25 M12-A5SMM OEF | | | |
|-----------------------------------|--------------------------|-----|------|----|
| Specification of connection cable | TI_275274865-868 | 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 |
|------------------|--------------|
| Cable dismantled | 150mm |
| Wires equipped | With ferrule |

| 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 electronic | Schematic diagram | Open wires encoder | Cable colours |
|------------|----------------|---|--------------------|---------------|
| CAN_Shield | 1 |  | 1 | White |
| +24 V | 2 |  | 2 | Brown |
| GND | 3 |  | 3 | Blue |
| CAN_H | 4 |  | 4 | Black |
| CAN_L | 5 |  | 5 | Grey |

