

Assembled signal cables for dynamic application [SpeedTec]

Basic cables for the use on ROCKWELL drive systems

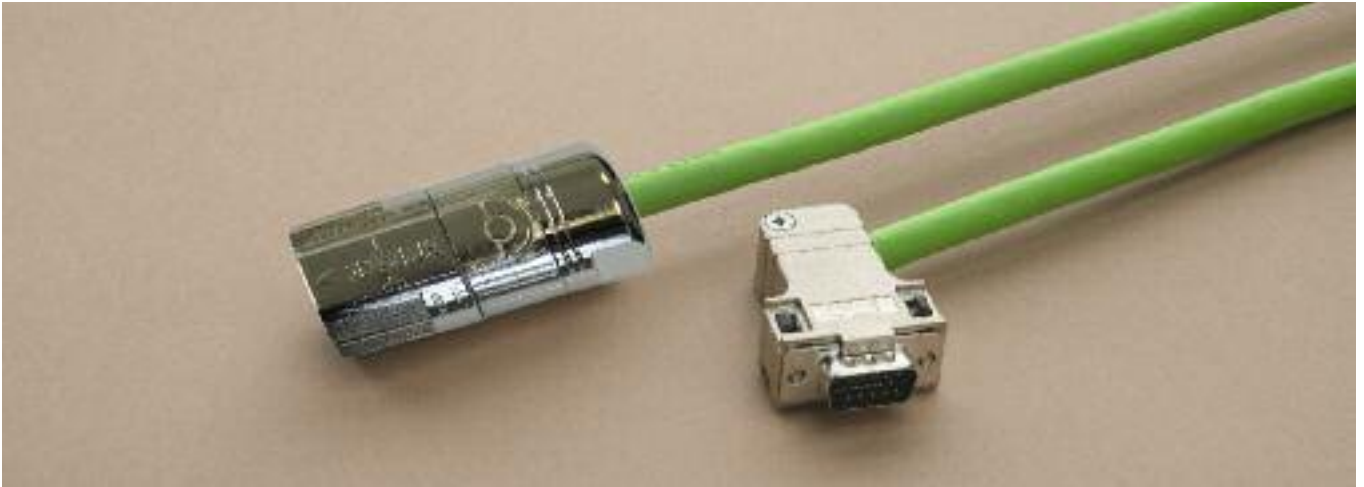


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Use

This assembled high-class motor cable was especially designed for dynamic applications. The special PUR jacket is designed for several applications in industrial environments in the machinery industry and plant engineering.

Special features

These assemblies could be manufactured in different length and also with customized modifications.

Advice

Please take note of the installation instructions for cables in cable chains on page DL 99.1 and the instructions of the motor and drive manufacturers regarding the maximum cable length.

Cable construction

Conductor:	copper wire
Conductor isolation:	Polyolefin / high quality PP
Total shield:	tinned copper braid
Coverage:	≥80%
Jacket material:	PUR
Jacket colour:	grEEN

Construction

(7x2xAWG28+2xAWG22+2xAWG16)

Colourcode

Pair 1 (AWG28):	black + white/black
Pair 2 (AWG28):	red + white/red
Pair 3 (AWG28):	green + white/green
Pair 4 (AWG28):	blue + white/blue
Pair 5 (AWG28):	yellow + white/yellow
Pair 6 (AWG28):	brown + white/brown
Pair 7 (AWG28):	violet + white/violet
Pair 8 (AWG22):	orange + white/orange
Pair 9 (AWG16):	grey + white/grey

Technical specifications

Temperature range

Static:	-30°C to 80°C
Dynamic:	-10°C to +60°C

Bending radius

Dynamic:	10x outer diameter
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Maximum acceleration: 4 m/s²

Bending cycle: 5 Mio. to ≥ 10x o.d.

Max. operating voltage: 300 V

test voltage: 1000 V

Isolation resistance: ≥100 MΩm x km

Registrations/Approvals

DESINA® (ISO 23570)

UL/CSA



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ROCKWELL- description	SANGEL- description	SANGEL- part-number	connector side A service pack	cable	connector side B service pack
	Typ 20F-S-I	1-000000-05011	1-000000-05092	0-000000-09754 s.S. DL 5.1	Aderendhülsen