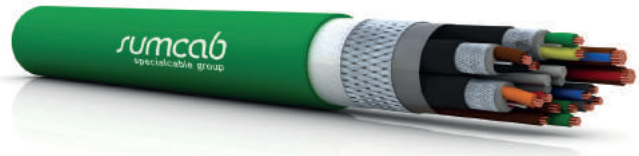


Sumodrive® 710C

Encoder & Resolver for Servo

Application: Servomotor control cable for Resolver, Encoder signals etc., extra flexible with Thermoplastic polymer insulation and PUR sheath, for use in cable chains with movement speed of up to 250m/min. UL & CSA certified. Halogen free and flame retardant cable.



Design

Conductor	Fine threads of bare copper, extra flexible, Class 6 according to EN 60228
Insulation	Thermoplastic polymer
Identification	According to system, consult
Cabling	According to system, consult
Shielding	Tinned copper braid
Exterior sheath	PUR, green colour RAL 6018

Technical Details

Service voltage	300V
Test voltage	2500V
Minimum bend radius	6 x outer diameter
Service temperature	-25°C to +80°C
Max. movement speed	250m/min.
Max. acceleration/ deceleration	30 m/s ²
Max. horizontal movement	distance 25 m
Number of cycles:	Min. 1 mio. / Max. 10 mio. Depending on the exact application. For more information, contact your Sumcab technical sales manager.

General features

UL & CSA	Certification for USA and Canada
UL FT2	Flame retardant
HD 22.10	Resistance to oils and industrial greases
EN 60754-1	Halogen free
Other features	Good resistance to acids, alkaline solutions, solvents, hydraulic liquids, etc.
	Resistant to abrasion and cuts
	Outer sheath with low-adherence surface
	Excellent resistance to moisture

Application markets

Tool Machine
Automation
Packaging
Food & Beverage
Chemical Industry
Pharmaceutical Industry
Glass and Ceramics Industry
Electronics Industry
Aeronautical Industry
Transport & Logistics



Encoder & Resolver for Servo

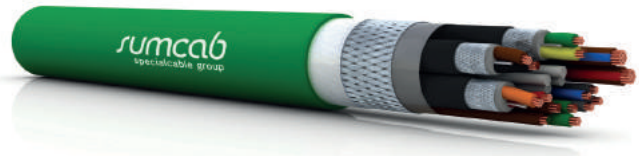
Code	N° of conductors x mm ²	System	Outer diameter in mm
165000080060503	(9x0,50)	ENCODER INDRAMAT	8,5
165000080060504	(10x2x0,18)	ENCODER	9,7
165000080060506	(8x2x0,25)	ENCODER	8,6
165000080060505	[3x(2x0,14) + 1x2x0,50 + 1x4x0,14 + 1x4x0,23]	ENCODER SIEMENS	9,6
165000110060521	[3x(2x0,14) + 2x0,50 + 4x0,14]	RESOLVER SIEMENS	8,7
165000120060509	[3x(2x0,14) + 1x2x0,50]	RESOLVER	8,6
165000120060511	[3x(2x0,14) + 2x(0,50)]	SIEMENS	8,8
165000120060502	[3x(2x0,14) + 2x1]	HEIDENHAIN	8,8
165000140060512	[3x(2x0,14) + 2x(1)]	HEIDENHAIN	9,5
165000140060501	(4x2x0,25+2x0,50)	ENCODER INDRAMAT	8
165000150060519	(4x2x0,38 + 4x0,50)	ENCODER SIEMENS	8,9
165000160060515	(5x2x0,14 + 2x0,50)	BAUMULLER	8
165020100080500	(4x2x0,25+2x1)	ENCODER INDRAMAT	8,8
165000100120507	(10x0,14+2x0,50)	HEIDENHAIN	7,2
165000100120510	(10x0,14+4x0,50)	HEIDENHAIN	7,7
165020080120500	(2x2x0,34)	ENCODER YASKAWA	6,4
165000070130518	[(2x0,34) + 6x2x0,34 + 1x2x1]	ENCODER CONTROL	10,8
165000080130517	[(2x0,14) + 6x2x0,14 + 1x2x0,50]	ENCODER	8,8
165000160130514	[4x(2x0,34)]	RESOLVER	11,2
165020020130513	(8x0,34)	RESOLVER	7
165020040130516	[5x0,34+1x2x0,18]	ENCODER	7,1
165000100150508	(6x2x0,14 + 2x0,50 + 1x0,50)	ENCODER BALDOR	8,9
165000070160520	[(2x0,50) + 2x(2x0,14) + 1x0,50]	RESOLVER SSI BALDOR	7,8
165000090160500	[2x(2x0,14) + 2x0,50 + 2x2x0,14 + 1x0,50]	ENCODER	8,65

Sumcab reserves the right to modify these specifications with no prior notice.

Sumodrive® 720C

Encoder & Resolver para Servo

Application: Servomotor control cable for Resolver, Encoder signals etc., extra flexible with TPE-E insulation and PUR sheath, for use in cable chains with movement speed of up to 300 m/min. UL & CSA certified. Halogen free and flame retardant cable.



Design

Conductor	Fine threads of bare copper, extra flexible, Class 6 according to EN 60228
Insulation	TPE-E
Identification	According to system, consult
Cabling	According to system, consult
Shielding	Tinned copper braid
Exterior sheath	PUR, green colour RAL 6018

Technical Details

Service voltage	300V
Test voltage	2500V
Minimum bend radius	6 x outer diameter
Service temperature	-40°C to +80°C
Max. movement speed	300m/min.
Max. acceleration/ deceleration	40 m/s²
Max. horizontal movement	distance 100 m
Number of cycles:	Min. 1 mio. / Max. 10 mio. Depending on the exact application. For more information, contact your Sumcab technical sales manager.

General features

UL & CSA	Certification for USA and Canada
UL FT2	Flame retardant
HD 22.10	Resistance to oils and industrial greases
EN 60754-1	Halogen free
Other features	Good resistance to acids, alkaline solutions, solvents, hydraulic liquids, etc.
	Resistant to abrasion and cuts
	Outer sheath with low-adherence surface
	Excellent resistance to moisture

Application markets

Tool Machine
Automation
Packaging
Food & Beverage
Chemical Industry
Pharmaceutical Industry
Glass and Ceramics Industry
Electronics Industry
Aeronautical Industry
Transport & Logistics



Encoder & Resolver for Servo

Code	N° of conductors x mm ²	System	Outer diameter in mm
165100080060503	(9x0,50)	ENCODER INDRAMAT	8,5
165100080060504	(10x2x0,18)	ENCODER	9,7
165100080060506	(8x2x0,25)	ENCODER	8,6
165100080060505	[3x(2x0,14) + 1x2x0,50 + 1x4x0,14 + 1x4x0,23]	ENCODER SIEMENS	9,6
165100110060521	[3x(2x0,14) + 2x0,50 + 4x0,14]	RESOLVER SIEMENS	8,7
165100120060509	[3x(2x0,14) + 1x2x0,50]	RESOLVER	8,6
165100120060511	[3x(2x0,14) + 2x(0,50)]	SIEMENS	8,8
165100120060502	[3x(2x0,14) + 2x1]	HEIDENHAIN	8,8
165100140060512	[3x(2x0,14) + 2x(1)]	HEIDENHAIN	9,5
165100140060501	(4x2x0,25+2x0,50)	ENCODER INDRAMAT	8
165100150060519	(4x2x0,38 + 4x0,50)	ENCODER SIEMENS	8,9
165100160060515	(5x2x0,14 + 2x0,50)	BAUMULLER	8
165120100080500	(4x2x0,25+2x1)	ENCODER INDRAMAT	8,8
165100100120507	(10x0,14+2x0,50)	HEIDENHAIN	7,2
165100100120510	(10x0,14+4x0,50)	HEIDENHAIN	7,7
165120080120500	(2x2x0,34)	ENCODER YASKAWA	6,4
165100070130518	[(2x0,34) + 6x2x0,34 + 1x2x1]	ENCODER CONTROL	10,8
165100080130517	[(2x0,14) + 6x2x0,14 + 1x2x0,50]	ENCODER	8,8
165100160130514	[4x(2x0,34)]	RESOLVER	11,2
165120020130513	(8x0,34)	RESOLVER	7
165120040130516	[5x0,34+1x2x0,18]	ENCODER	7,1
165100100150508	(6x2x0,14 + 2x0,50 + 1x0,50)	ENCODER BALDOR	8,9
165100070160520	[(2x0,50) + 2x(2x0,14) + 1x0,50]	RESOLVER SSI BALDOR	7,8
165100090160500	[2x(2x0,14) + 2x0,50 + 2x2x0,14+ 1x0,50]	ENCODER	8,65

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