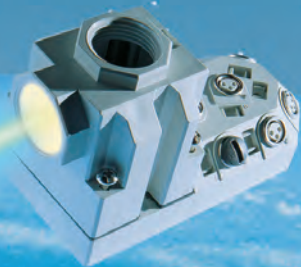


■ Installation Solutions

Cable assembly according to Siemens 6FX standard

Reaching new heights in automation



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Installation Solutions



Cabinet Solutions



Automation Solutions



OEM Solutions



Transportation Solutions



For over 50 years LÜTZE has been developing and manufacturing electronic and electro-technical solutions for control and systems engineering.

Our basic concept - to offer, as a system provider, a comprehensive range of products that are tailored to each other, and from which innovative, individual solutions can be generated - has proven its worth many times over.

Cable assembly according to Siemens standard 6FX.

Cover your entire needs for all aspects of your application from a single source. LÜTZE assembles cables that are 100-percent compatible with the Siemens 6FX standard. As rugged as needed and always in the right length, in 0.5 m steps. With no minimum order amount. But with short delivery times and with a cost-effective price/performance ratio.

LÜTZE systems comply with the highest industrial standards; LÜTZE solutions mean improvement and innovation.

Our solutions include components and concepts suitable for almost any control application. For more information on our solutions, please visit www.luetze.com.

1. PUR servo cable assemblies without brake cores for use in cable carriers

Acc. to SIEMENS-6FX8002 standard



Base cable



Base cable DRIVE-CLiQ®



Extension

Application

- Cable, for Siemens servo drives
- Thanks to solid PUR jacket and TPE conductor insulation ideally suited for cable carriers, extremely harsh operating conditions, aggressive coolants and lubricants

Properties

- Free of paint wetting impairment substances (PWIS-free), RoHS-conform

Technical data

- UL approval 1,000 V 80°C
- Rated voltage U_0/U 0.6/1.0 kV
- Insulation resistance min. 500 MΩxkm
- Temperature range moving -25°C to +80°C
- Temperature range fixed -40°C to +80°C
- Minimum bending radius moving Cable diameter x 10
- Minimum bending radius fixed cable diameter x 6
- Burning behaviour according to Flame-retardant
- Halogen-free VDE 0482 T 265-2-1; DIN EN 50265-2-1; IEC 60332-1
- UL 1581 section 1080 VW-1; CSA FT 1 according to DIN EN 50264-1; EN 50267-2-1 and EN 60684-2
- Jacket colour orange RAL 2003

Special features

- No minimum order amount
- All intermediate lengths in 0.5 m steps are available in a short time
- When ordering, please indicate base number and length code
- Other types on request

Base cable Art.-No.	Siemens designation	Length in m	Core cross-section	Outer Ø approx.
198360.1000	6FX8002-5CA01-1BA0*	10,0	(4x1,5)	8,0
198380.1000	6FX8002-5CA11-1BA0*	10,0	(4x2,5)	9,6
198400.1000	6FX8002-5CA21-1BA0*	10,0	(4x1,5)	8,0
198410.1000	6FX8002-5CA31-1BA0*	10,0	(4x2,5)	9,6
198430.1000	6FX8002-5CA41-1BA0*	10,0	(4x4,0)	11,1
198440.1000	6FX8002-5CA51-1BA0*	10,0	(4x6,0)	13,4
198450.1000	6FX8002-5CA61-1BA0*	10,0	(4x10,0)	16,7
198980.1000	6FX8002-5CS54-1BA0*	10,0	(4x6,0)	13,4
198370.1000	6FX8002-5CA02-1BA0*	10,0	(4x2,5)	9,6
198390.1000	6FX8002-5CA12-1BA0*	10,0	(4x4,0)	11,1
198420.1000	6FX8002-5CA32-1BA0*	10,0	(4x10,0)	16,7
198950.1000	6FX8002-5CG01-1BA0*	10,0	(4x1,5)	8,0
198040.1000	6FX8002-5CG11-1BA0*	10,0	(4x2,5)	9,6
198035.1000	6FX8002-5CG21-1BA0*	10,0	(4x1,5)	8,0
198045.1000	6FX8002-5CG31-1BA0*	10,0	(4x2,5)	9,6
198050.1000	6FX8002-5CG41-1BA0*	10,0	(4x4,0)	11,1
198055.1000	6FX8002-5CG51-1BA0*	10,0	(4x6,0)	13,4
198060.1000	6FX8002-5CG61-1BA0*	10,0	(4x10,0)	16,7

Base cable DRIVE-CLiQ® Art.-No.	Siemens designation	Length in m	Core cross-section	Outer Ø approx.
198300.1000	6FX8002-5CS01-1BA0*	10,0	(4x1,5)	8,0
198304.1000	6FX8002-5CS21-1BA0*	10,0	(4x1,5)	8,0
198301.1000	6FX8002-5CS02-1BA0*	10,0	(4x1,5)	8,0
198302.1000	6FX8002-5CS11-1BA0*	10,0	(4x2,5)	9,6
198305.1000	6FX8002-5CS31-1BA0*	10,0	(4x2,5)	9,6
198303.1000	6FX8002-5CS12-1BA0*	10,0	(4x2,5)	9,6
198317.1000	6FX8002-5CS41-1BA0*	10,0	(4x4,0)	11,1
198306.1000	6FX8002-5CS42-1BA0*	10,0	(4x4,0)	11,1
198318.1000	6FX8002-5CS51-1BA0*	10,0	(4x6,0)	13,4
198307.1000	6FX8002-5CS52-1BA0*	10,0	(4x6,0)	13,4
198319.1000	6FX8002-5CS61-1BA0*	10,0	(4x10,0)	16,7
198308.1000	6FX8002-5CS62-1BA0*	10,0	(4x10,0)	16,7

Extension Art.-No.	Siemens designation	Length in m	Core cross-section	Outer Ø approx.
198820.1000	6FX8002-5CA05-1BA0*	10,0	(4x1,5)	8,0
198985.1000	6FX8002-5CA15-1BA0*	10,0	(4x2,5)	9,6
198765.1000	6FX8002-5CA28-1BA0*	10,0	(4x1,5)	8,0
198995.1000	6FX8002-5CA38-1BA0*	10,0	(4x2,5)	9,6
198015.1000	6FX8002-5CA48-1BA0*	10,0	(4x4,0)	11,1
198020.1000	6FX8002-5CA58-1BA0*	10,0	(4x6,0)	13,4
198030.1000	6FX8002-5CA68-1BA0*	10,0	(4x10,0)	16,7

The Lütze Art.-No. consists of two blocks:
 Technical design of the cable assembly
 Length code in cm
 Ex: 198360.0500 corresponds to a length of 5.0 m

Technical design	Length code in cm
198360	0500

*Siemens article designations are registered trademarks of Siemens AG, and are for reference purposes only.



2. PUR servo cable assemblies with brake cores for use in cable carriers

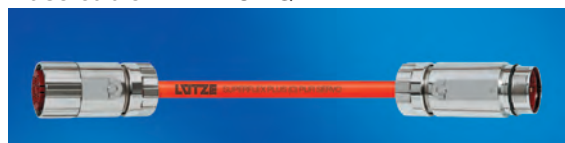
Acc. to SIEMENS-6FX8002 standard



Base cable



Base cable DRIVE-CLiQ®



Extension

Application

- Cable, for Siemens servo drives
- Thanks to solid PUR jacket and TPE conductor insulation ideally suited for cable carriers, extremely harsh operating conditions, aggressive coolants and lubricants
- Especially for industrial environments, machines and plants

Properties

- Free of paint wetting impairment substances (PWIS-free), RoHS-conform

Technical data

- UL approval 1,000 V 80°C
- Rated voltage U_0/U 0.6/1.0 kV
- Insulation resistance min. 500 M Ω xkm
- Temperature range moving -25°C to +80°C
- Temperature range fixed -40°C to +80°C
- Minimum bending radius moving Cable diameter x 10
- Minimum bending radius fixed cable diameter x 6
- Burning behaviour according to Flame-retardant
- Halogen-free VDE 0482 T. 265-2-1; IEC 60332-1; UL 1581 section 1080 VW-1; CSA FT 1 according to
- Jacket colour orange RAL 2003

Special features

- No minimum order amount
- All intermediate lengths in 0.5 m steps are available in a short time
- When ordering, please indicate base number and length code
- Other types on request.

Base cable Art.-No.	Siemens designation	Length in m	Core cross-section	Outer Ø approx. mm
198460.1000	6FX8002-5DA01-1BA0*	10,0	(4x1,5+(2x1,5))	10,5
198480.1000	6FX8002-5DA11-1BA0*	10,0	(4x2,5+(2x1,5))	12,1
198500.1000	6FX8002-5DA21-1BA0*	10,0	(4x1,5+(2x1,5))	10,5
198530.1000	6FX8002-5DA31-1BA0*	10,0	(4x2,5+(2x1,5))	12,1
198560.1000	6FX8002-5DA41-1BA0*	10,0	(4x4,0+(2x1,5))	13,6
198570.1000	6FX8002-5DA51-1BA0*	10,0	(4x6,0+(2x1,5))	15,5
198580.1000	6FX8002-5DA61-1BA0*	10,0	(4x10,0+(2x1,5))	18,3
198470.1000	6FX8002-5DA02-1BA0*	10,0	(4x2,5+(2x1,5))	12,1
198490.1000	6FX8002-5DA12-1BA0*	10,0	(4x4,0+(2x1,5))	13,6
198510.1000	6FX8002-5DA22-1BA0*	10,0	(4x6,0+(2x1,5))	15,5
198540.1000	6FX8002-5DA32-1BA0*	10,0	(4x10,0+(2x1,5))	18,3
198870.1000	6FX8002-5DA23-1BA0*	10,0	(4x16,0+(2x1,5))	21,4
198880.1000	6FX8002-5DA33-1BA0*	10,0	(4x25,0+(2x1,5))	27,8
198075.1000	6FX8002-5DG01-1BA0*	10,0	(4x1,5+(2x1,5))	10,5
198085.1000	6FX8002-5DG11-1BA0*	10,0	(4x2,5+(2x1,5))	12,1
198080.1000	6FX8002-5DG21-1BA0*	10,0	(4x1,5+(2x1,5))	10,5
198090.1000	6FX8002-5DG31-1BA0*	10,0	(4x2,5+(2x1,5))	12,1
198095.1000	6FX8002-5DG41-1BA0*	10,0	(4x4,0+(2x1,5))	13,6
198100.1000	6FX8002-5DG51-1BA0*	10,0	(4x6,0+(2x1,5))	15,5
198115.1000	6FX8002-5DG61-1BA0*	10,0	(4x10,0+(2x1,5))	18,3

Base cable DRIVE-CLiQ® Art.-No.	Siemens designation	Length in m	Core cross-section	Outer Ø approx. mm
198310.1000	6FX8002-5DS01-1BA0*	10,0	(4x1,5+(2x1,5))	10,5
198311.1000	6FX8002-5DS11-1BA0*	10,0	(4x2,5+(2x1,5))	12,1
198312.1000	6FX8002-5DS21-1BA0*	10,0	(4x1,5+(2x1,5))	10,5
198313.1000	6FX8002-5DS31-1BA0*	10,0	(4x2,5+(2x1,5))	12,1
198314.1000	6FX8002-5DS41-1BA0*	10,0	(4x4,0+(2x1,5))	13,6
198315.1000	6FX8002-5DS51-1BA0*	10,0	(4x6,0+(2x1,5))	15,5
198316.1000	6FX8002-5DS61-1BA0*	10,0	(4x10,0+(2x1,5))	18,3

Extension Art.-No.	Siemens designation	Length in m	Core cross-section	Outer Ø approx. mm
198730.1000	6FX8002-5DA05-1BA0*	10,0	(4x1,5+(2x1,5))	10,5
198990.1000	6FX8002-5DA15-1BA0*	10,0	(4x2,5+(2x1,5))	12,1
198790.1000	6FX8002-5DA28-1BA0*	10,0	(4x1,5+(2x1,5))	10,5
198800.1000	6FX8002-5DA38-1BA0*	10,0	(4x2,5+(2x1,5))	12,1
198005.1000	6FX8002-5DA48-1BA0*	10,0	(4x4,0+(2x1,5))	13,6
198010.1000	6FX8002-5DA58-1BA0*	10,0	(4x6,0+(2x1,5))	15,5
198025.1000	6FX8002-5DA68-1BA0*	10,0	(4x10,0+(2x1,5))	18,3

The Lütze Art.-No. consists of two blocks:

- Technical design of the cable assembly
- Length code in cm

Ex: 198360.0500 corresponds to a length of 5.0 m

Technical design

198360

Length code in cm

0500

*Siemens article designations are registered trademarks of Siemens AG, and are for reference purposes only.

3. PUR servo cable assemblies with brake cores for use in cable carriers

Acc. to SIEMENS-6FX2002 standard



Base cable

Application

- Base cable, for Siemens servo drives
- Thanks to solid PUR jacket and TPE conductor insulation ideally suited for cable carriers, extremely harsh operating conditions, aggressive coolants and lubricants
- Especially for industrial environments, machines and plants

Properties

- Free of paint wetting impairment substances (PWIS-free), RoHS-conform

Technical data

- Rated voltage U_0/U 0.6/1.0 kV
- Insulation resistance min. 500 M Ω xkm
- Temperature range
 - moving -25°C to +80°C
 - fixed -40°C to +80°C
- Minimum bending radius
 - moving Cable diameter x 10
 - fixed cable diameter x 6
- Burning behaviour according to Flame-retardant
- Halogen-free VDE 0482 T. 265-2-1; IEC 60332-1; UL 1581 section 1080 VW-1; CSA FT 1 according to
- Jacket colour DIN EN 20264-1; EN 50267-2-1 and EN 60684-2 petrol RAL 5018

Base cable				
Article number	Siemens designation	Length in m	Core cross-section	Outer Ø approx. mm
198185.1000	6FX2002-5DA01-1BA0*	10,0	(4x1,5+(2x1,0))	10,0
198145.1000	6FX2002-5DA11-1BA0*	10,0	(4x2,5+(2x1,0))	11,4
198165.1000	6FX2002-5DA21-1BA0*	10,0	(4x1,5+(2x1,0))	10,0
198135.1000	6FX2002-5DA02-1BA0*	10,0	(4x2,5+(2x1,0))	11,4
198225.1000	6FX2002-5DA12-1BA0*	10,0	(4x4,0+(2x1,0))	12,9
198175.1000	6FX2002-5DA22-1BA0*	10,0	(4x6,0+(2x1,0))	16,5

Special features

- No minimum order amount
- All intermediate lengths in 0.5 m steps are available within a short time
- When ordering, please indicate base number and length code
- Other types on request.

The Lütze Art.-No. consists of two blocks:

- Technical design of the cable assembly
- Length code in cm

Ex: 198360.0500 corresponds to a length of 5.0 m

Technical design

198360

Length code in cm

0500

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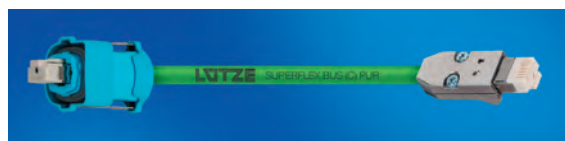


4. PUR resolver cables for use in cable carriers

Acc. to SIEMENS-6FX8002 standard



Base cable



Base cable DRIVE-CLiQ®



Extension

Application

- Resolver cable
- Thanks to solid PUR jacket and TPE conductor insulation ideally suited for cable carriers, extremely harsh operating conditions, aggressive coolants and lubricants

Properties

- Free of paint wetting impairment substances (PWIS-free), RoHS-conform

Technical data

- UL approval 30 V 80°C/300 V 80°C
- Rated voltage 300 V
- Insulation resistance min. 200 MΩxkm
- Temperature range moving -25°C to +80°C
- Temperature range fixed -40°C to +80°C
- Minimum bending radius moving Cable diameter x 12
- Minimum bending radius fixed cable diameter x 6

Burning behaviour according to

Flame-retardant

Halogen-free

VDE 0482 T 265-2-1;
DIN EN 50265-2-1;
IEC 60332-1; UL
1581 section 1080
VW-1; CSA FT 1
according to

Jacket colour

DIN EN 50264-1;
EN 50267-2-1 and
EN 60684-2
green RAL 6018

Art. no.	Siemens designation	Length in m	Outer Ø approx. mm
198110.1000	6FX8002-2AD00-1BA0*	10,0	8,6
198830.1000	6FX8002-2AH00-1BA0*	10,0	9,0
198120.1000	6FX8002-2CA11-1BA0*	10,0	9,0
198130.1000	6FX8002-2CA15-1BA0*	10,0	8,6
198628.1000	6FX8002-2CA31-1BA0*	10,0	9,5
198850.1000	6FX8002-2CA51-1BA0*	10,0	8,6
198150.1000	6FX8002-2CA61-1BA0*	10,0	8,6
198290.1000	6FX8002-2CA72-1BA0*	10,0	9,0
198191.1000	6FX8002-2CB31-1BA0*	10,0	6,7
198200.1000	6FX8002-2CB51-1BA0*	10,0	9,0
198210.1000	6FX8002-2CC11-1BA0*	10,0	9,0
198220.1000	6FX8002-2CD01-1BA0*	10,0	9,0
198240.1000	6FX8002-2CF02-1BA0*	10,0	8,6
198170.1000	6FX8002-2CG00-1BA0*	10,0	9,0
198250.1000	6FX8002-2CH00-1BA0*	10,0	8,6
198280.1000	6FX8002-2EQ10-1BA0*	10,0	9,5
198140.1000	6FX8002-2CA21-1BA0*	10,0	8,6
198230.1000	6FX8002-2CM00-1BA0*	10,0	8,6
198260.1000	6FX8002-2CE07-1BA0*	10,0	9,0
198270.1000	6FX8002-2EQ00-1BA0*	10,0	9,5

Art. no.	Siemens designation	Length in m	Outer Ø approx. mm
198890.1000	6FX8002-2DC00-1BA0*	10,0	6,95
198900.1000	6FX8002-2DC10-1BA0*	10,0	6,95
198910.1000	6FX8002-2DC20-1BA0*	10,0	6,95

Art. no.	Siemens designation	Length in m	Outer Ø approx. mm
198160.1000	6FX8002-2CA34-1BA0*	10,0	9,5
198740.1000	6FX8002-2CF04-1BA0*	10,0	8,6
198700.1000	6FX8002-2EQ14-1BA0*	10,0	9,5
198105.1000	6FX8002-2AD04-1BA0*	10,0	8,6
198295.1000	6FX8002-2CB54-1BA0*	10,0	9,0

Special features

- No minimum order amount
- All intermediate lengths in 0.5 m steps are available in a short time
- When ordering, please indicate base number and length code
- Other types on request.

The Lütze Art.-No. consists of two blocks:

- Technical design of the cable assembly
- Length code in cm

Ex: 198360.0500 corresponds to a length of 5.0 m

Technical design

198360

Length code in cm

0500

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5. PUR servo cable assemblies with brake cores for hard wiring

Similar to Siemens – 6FX5002 standard but with PUR jacket



Base cable



Extension

Application

- Base cable, for Siemens servo drives
- For flexible application without compulsory guide

Properties

- Free of paint wetting impairment substances (PWIS-free), RoHS-conform

Technical data

- Rated voltage U_0/U 0.6/1.0 kV
- Insulation resistance min. 100 M Ω xkm
- Temperature range moving -25°C to +80°C
- Temperature range fixed -40°C to +80°C
- Burning behaviour according to Flame-retardant
- VDE 0482 section 265-2-1; DIN EN 50265-2-1; IEC 60332-1
- Jacket colour orange RAL 2003

Base cable				
Article number	Siemens designation	Length in m	Core cross-section	Outer Ø approx. mm
198462.1000	6FX5002-5DA01-1BA0*	10,0	(4x1,5+(2x1,5))	12,5
198482.1000	6FX5002-5DA11-1BA0*	10,0	(4x2,5+(2x1,5))	14,1
198502.1000	6FX5002-5DA21-1BA0*	10,0	(4x1,5+(2x1,5))	12,5
198532.1000	6FX5002-5DA31-1BA0*	10,0	(4x2,5+(2x1,5))	14,1
198562.1000	6FX5002-5DA41-1BA0*	10,0	(4x4,0+(2x1,5))	15,8
198572.1000	6FX5002-5DA51-1BA0*	10,0	(4x6,0+(2x1,5))	16,7
198582.1000	6FX5002-5DA61-1BA0*	10,0	(4x10,0+(2x1,5))	19,1
198472.1000	6FX5002-5DA02-1BA0*	10,0	(4x2,5+(2x1,5))	14,1
198492.1000	6FX5002-5DA12-1BA0*	10,0	(4x4,0+(2x1,5))	15,8
198512.1000	6FX5002-5DA22-1BA0*	10,0	(4x6,0+(2x1,5))	16,7
198542.1000	6FX5002-5DA32-1BA0*	10,0	(4x10,0+(2x1,5))	19,1
198077.1000	6FX5002-5DG01-1BA0*	10,0	(4x1,5+(2x1,5))	12,5
198087.1000	6FX5002-5DG11-1BA0*	10,0	(4x2,5+(2x1,5))	14,1
198082.1000	6FX5002-5DG21-1BA0*	10,0	(4x1,5+(2x1,5))	12,5
198092.1000	6FX5002-5DG31-1BA0*	10,0	(4x2,5+(2x1,5))	14,1
198097.1000	6FX5002-5DG41-1BA0*	10,0	(4x4,0+(2x1,5))	15,8
198102.1000	6FX5002-5DG51-1BA0*	10,0	(4x6,0+(2x1,5))	16,7
198117.1000	6FX5002-5DG61-1BA0*	10,0	(4x10,0+(2x1,5))	19,1

Extension				
Article number	Siemens designation	Length in m	Core cross-section	Outer Ø approx. mm
198732.1000	6FX5002-5DA05-1BA0*	10,0	(4x1,5+(2x1,5))	12,5
198992.1000	6FX5002-5DA15-1BA0*	10,0	(4x2,5+(2x1,5))	14,1
198792.1000	6FX5002-5DA28-1BA0*	10,0	(4x1,5+(2x1,5))	12,5
198802.1000	6FX5002-5DA38-1BA0*	10,0	(4x2,5+(2x1,5))	14,1
198007.1000	6FX5002-5DA48-1BA0*	10,0	(4x4,0+(2x1,5))	15,8
198012.1000	6FX5002-5DA58-1BA0*	10,0	(4x6,0+(2x1,5))	16,7
198027.1000	6FX5002-5DA68-1BA0*	10,0	(4x10,0+(2x1,5))	19,1

Special features

- No minimum order amount
- All intermediate lengths in 0.5 m steps are available within a short time
- When ordering, please indicate base number and length code
- Other types on request.

The Lütze Art.-No. consists of two blocks:

- Technical design of the cable assembly
- Length code in cm

Ex: 198360.0500 corresponds to a length of 5.0 m

Technical design

198360

Length code in cm

0500

*Siemens article designations are registered trademarks of Siemens AG, and are for reference purposes only.



6. PVC servo cable assemblies with brake cores for hard wiring

Acc. to Siemens-6FX5002 standard



Base cable



Extension

Application

- Cable, for Siemens servo drives
- For flexible application without compulsory guide

Properties

- PVC flame-retardant, self-extinguishing
- Free of paint wetting impairment substances (PWIS-free), RoHS-conform

Technical data

- Rated voltage U_0/U 0.6/1.0 kV
- Insulation resistance min. 20 M Ω xkm
- Temperature range moving -5°C to +70°C
- Temperature range fixed -25°C to +70°C
- Jacket colour orange RAL 2003

Base cable				
Article number	Siemens designation	Length in m	Core cross-section	Outer Ø approx. mm
198461.1000	6FX5002-5DA01-1BA0*	10,0	(4x1,5+(2x1,5))	12,5
198481.1000	6FX5002-5DA11-1BA0*	10,0	(4x2,5+(2x1,5))	14,1
198501.1000	6FX5002-5DA21-1BA0*	10,0	(4x1,5+(2x1,5))	12,5
198531.1000	6FX5002-5DA31-1BA0*	10,0	(4x2,5+(2x1,5))	14,1
198561.1000	6FX5002-5DA41-1BA0*	10,0	(4x4,0+(2x1,5))	15,8
198571.1000	6FX5002-5DA51-1BA0*	10,0	(4x6,0+(2x1,5))	16,7
198581.1000	6FX5002-5DA61-1BA0*	10,0	(4x10,0+(2x1,5))	19,1
198471.1000	6FX5002-5DA02-1BA0*	10,0	(4x2,5+(2x1,5))	14,1
198491.1000	6FX5002-5DA12-1BA0*	10,0	(4x4,0+(2x1,5))	15,8
198511.1000	6FX5002-5DA22-1BA0*	10,0	(4x6,0+(2x1,5))	16,7
198541.1000	6FX5002-5DA32-1BA0*	10,0	(4x10,0+(2x1,5))	19,1
198871.1000	6FX5002-5DA23-1BA0*	10,0	(4x16,0+(2x1,5))	21,0
198881.1000	6FX5002-5DA33-1BA0*	10,0	(4x25,0+(2x1,5))	28,5
198076.1000	6FX5002-5DG01-1BA0*	10,0	(4x1,5+(2x1,5))	12,5
198086.1000	6FX5002-5DG11-1BA0*	10,0	(4x2,5+(2x1,5))	14,1
198081.1000	6FX5002-5DG21-1BA0*	10,0	(4x1,5+(2x1,5))	12,5
198091.1000	6FX5002-5DG31-1BA0*	10,0	(4x2,5+(2x1,5))	14,1
198096.1000	6FX5002-5DG41-1BA0*	10,0	(4x4,0+(2x1,5))	15,8
198101.1000	6FX5002-5DG51-1BA0*	10,0	(4x6,0+(2x1,5))	16,7
198116.1000	6FX5002-5DG61-1BA0*	10,0	(4x10,0+(2x1,5))	19,1

Extension				
Article number	Siemens designation	Length in m	Core cross-section	Outer Ø approx. mm
198731.1000	6FX5002-5DA05-1BA0*	10,0	(4x1,5+(2x1,5))	12,5
198991.1000	6FX5002-5DA15-1BA0*	10,0	(4x2,5+(2x1,5))	14,1
198791.1000	6FX5002-5DA28-1BA0*	10,0	(4x1,5+(2x1,5))	12,5
198801.1000	6FX5002-5DA38-1BA0*	10,0	(4x2,5+(2x1,5))	14,1
198006.1000	6FX5002-5DA48-1BA0*	10,0	(4x4,0+(2x1,5))	15,8
198011.1000	6FX5002-5DA58-1BA0*	10,0	(4x6,0+(2x1,5))	16,7
198026.1000	6FX5002-5DA68-1BA0*	10,0	(4x10,0+(2x1,5))	19,1

Special features

- No minimum order amount
- All intermediate lengths in 0.5 m steps are available in a short time
- When ordering, please indicate base number and length code
- Other types on request.

The Lütze Art.-No. consists of two blocks:

- Technical design of the cable assembly
- Length code in cm

Ex: 198360.0500 corresponds to a length of 5.0 m

Technical design

198360

Length code in cm

0500

*Siemens article designations are registered trademarks of Siemens AG, and are for reference purposes only.

7. PUR resolver cables for hard wiring

Similar to SIEMENS-6FX5002 standard but with PUR jacket



Base cable



Base cable DRIVE-CLiQ®



Extension

Application

- Resolver cable
- For flexible application without compulsory guide

Properties

- Free of paint wetting impairment substances (PWIS-free), RoHS-conform

Technical data

- Rated voltage 300 V
- Insulation resistance min. 200 MΩxkm
- Temperature range moving -25°C to +80°C
- Temperature range fixed -40°C to +80°C
- Burning behaviour according to Flame-retardant
- Jacket colour VDE 0482 T 265-2-1; DIN EN 50265-2-1; IEC 60332-1 green RAL 6018

Base cable			
Art. no.	Siemens designation	Length in m	Outer Ø approx.
198111.1000	6FX5002-2AD00-1BA0*	10,0	8,8
198831.1000	6FX5002-2AH00-1BA0*	10,0	9,0
198121.1000	6FX5002-2CA11-1BA0*	10,0	9,0
198131.1000	6FX5002-2CA15-1BA0*	10,0	8,8
198629.1000	6FX5002-2CA31-1BA0*	10,0	10,5
198851.1000	6FX5002-2CA51-1BA0*	10,0	8,8
198151.1000	6FX5002-2CA61-1BA0*	10,0	8,8
198291.1000	6FX5002-2CA72-1BA0*	10,0	9,0
198192.1000	6FX5002-2CB31-1BA0*	10,0	7,2
198201.1000	6FX5002-2CB51-1BA0*	10,0	9,0
198211.1000	6FX5002-2CC11-1BA0*	10,0	9,0
198221.1000	6FX5002-2CD01-1BA0*	10,0	9,0
198241.1000	6FX5002-2CF02-1BA0*	10,0	8,8
198171.1000	6FX5002-2CG00-1BA0*	10,0	9,0
198251.1000	6FX5002-2CH00-1BA0*	10,0	8,8
198281.1000	6FX5002-2EQ10-1BA0*	10,0	10,5
198141.1000	6FX5002-2CA21-1BA0*	10,0	8,8
198231.1000	6FX5002-2CM00-1BA0*	10,0	8,8
198261.1000	6FX5002-2CE07-1BA0*	10,0	9,0
198271.1000	6FX5002-2EQ00-1BA0*	10,0	10,5
198161.1000	6FX5002-2CA34-1BA0*	10,0	10,5

Base cable DRIVE-CLiQ®			
Art. no.	Siemens designation	Length in m	Outer Ø approx.
198891.1000	6FX5002-2DC00-1BA0*	10,0	6,9
198901.1000	6FX5002-2DC10-1BA0*	10,0	6,9
198911.1000	6FX5002-2DC20-1BA0*	10,0	6,9

Extension			
Art. no.	Siemens designation	Length in m	Outer Ø approx.
198741.1000	6FX5002-2CF04-1BA0*	10,0	8,8
198701.1000	6FX5002-2EQ14-1BA0*	10,0	10,5

Special features

- No minimum order amount
- All intermediate lengths in 0.5 m steps are available in a short time
- When ordering, please indicate base number and length code
- Other types on request

The Lütze Art.-No. consists of two blocks:
■ Technical design of the cable assembly
■ Length code in cm
 Ex: 198360.0500 corresponds to a length of 5.0 m

Technical design	Length code in cm
198360	0500

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8. Products sold by the metre for cable assembly acc. to SIEMENS standard 6FX

LÜTZE SUPERFLEX® PLUS N (C) PUR SERVO - Motor-/ power supply cables 0,6/1 kV



C-track cables for motor and power connection, shielded, especially for frequency converters and SERVO drives. High active and passive interference resistance (EMC)

Part no.	Number of conductors / cross-section	Jacket	Outer-Ø, approx. mm	cULus
111496	(4x1,0)	PUR orange	9,5	1.000V 80°C
111460	(4x1,5)	PUR orange	8,0	1.000V 80°C
111461	(4x2,5)	PUR orange	9,6	1.000V 80°C
111462	(4x4)	PUR orange	11,1	1.000V 80°C
111463	(4x6)	PUR orange	13,4	1.000V 80°C
111464	(4x10)	PUR orange	16,7	1.000V 80°C
111465	(4x16)	PUR orange	19,7	1.000V 80°C
111466	(4x25)	PUR orange	25,4	1.000V 80°C

C-track cable for motor / brake, shielded, especially for frequency converters and SERVO drives in machine and installation technology, transport and conveyor technology. With control pair, SIEMENS system compatible

Part no.	Number of conductors / cross-section	Jacket	Outer-Ø, approx. mm	cULus
111420	(4x1,5+(2x1,5))	PUR orange	10,5	1.000V 80°C
111421	(4x2,5+(2x1,5))	PUR orange	12,1	1.000V 80°C
111422	(4x4+(2x1,5))	PUR orange	13,6	1.000V 80°C
111423	(4x6+(2x1,5))	PUR orange	15,6	1.000V 80°C
111424	(4x10+(2x1,5))	PUR orange	18,3	1.000V 80°C
111425	(4x16+(2x1,5))	PUR orange	21,6	1.000V 80°C
111426	(4x25+(2x1,5))	PUR orange	27,5	1.000V 80°C
111427	(4x35+(2x1,5))	PUR orange	29,9	1.000V 80°C
111428	(4x50+(2x1,5))	PUR orange	33,2	1.000V 80°C

Without UL approval, casing colour petrol RAL5018

111400	(4G1,5+(2x1,0))	PUR petrol	19,0	-
111401	(4G2,5+(2x1,0))	PUR petrol	11,4	-
111402	(4G4+(2x1,0))	PUR petrol	12,9	-

LÜTZE SUPERFLEX® PLUS (C) PUR SERVO - Feedback cables for C-tracks



Feedback cables for tacho sensor, brake sensor or speed sensor. Through full PUR-jacket and TPE wire insulation optimally suited for C-tracks, extremely harsh operating conditions and aggressive coolants and lubricants. For System SIEMENS.

Part no.	Number of conductors / cross-section	Jacket	Outer-Ø, approx. mm	cULus
111452	(2x2x0,18)	PUR green	5,0	30V 80°C
111453	(4x2x0,18)	PUR green	6,4	30V 80°C
111412	(8x2x0,18)	PUR green	8,8	30V 80°C
111454	(12x0,23)	PUR green	6,7	30V 80°C
111455	(4x0,5+4x2x0,14)	PUR green	8,0	300V 80°C
111456	(4x0,5+4x2x0,38)	PUR green	9,2	300V 80°C
111457	(2x0,5+3x(2 x 0,14))+4x0,23+4x0,14)	PUR green	10,3	30V 80°C
111458	(2x0,5+3x(2x0,14)+4x0,14)	PUR green	8,5	30V 80°C
111459	(2x(0,5)+3x(2x0,14))	PUR green	8,7	300V 80°C

LÜTZE SUPERFLEX® compatible to Siemens Drive Cliq®

Impedance 100 Ω, (BUS pairs 0,15mm²)



For continuous flexible applications in c-tracks. 3 pairs data cables, 2 BUS pairs 0,15 mm² and 1 supply pair 0,38 mm².

Part no.	Number of conductors / cross-section	Jacket	Outer-Ø, approx. mm	cULus
104310	(2x2x0,15+1x2x0,34)	PUR green	7,0	30V 80°C

For continuous flexible applications in c-tracks. 3 pairs data cables, 2 BUS pairs 0,15 mm² and 1 supply pair 0,34 mm².

104311	(2x2x0,15+1x2x0,34)	PUR green	7,0	30V 80°C
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