





















# Connecting cables for SIMATIC MICRO-DRIVE





# Connecting cables for SIMATIC MICRO-DRIVE:

						
PDC Power of all variants	connecting cable for	PDC100/100F 100W	PDC1000/1000F 1000W			F-TM ServoDrive
 Dunkermotoren connecting cables for dri- ves	motor frame size	BG45x30 BG65Sx50	BG45x30 BG65Sx50	BG75x50	BG95x40 BG95x80	BG45x30 BG65x50
	motor	 700510xx LAiO1	 700519xx LAiO10	 700511xx LPMo1	 700518xx LPMo3	 700560xx CSD_LAiO1
	encoder			 700512xx LPEn1		
	brake cable	 700513xx LPBr1				
 ebm-papst connecting cables for dri- ves	motor frame size	ECI42...; ECI63...	ECI42...; ECI63...	ECI80...		ECI42...; ECI63...
	motor	 700514xx LAiO2	 700515xx LAiO20	 700518xx LPMo3		 700564xx CSD_LAiO2
	encoder			 700516xx LPEn2		
	brake cable	 700517xx LPBr2				

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# Motor connecting cable LAiO1 for SIMATIC MICRO-DRIVE on Dunkermotoren



For use with:

SIMATIC MICRO-DRIVE



PDC100 (F)


Source: Siemens AG

Dunkermotoren model series BG 45x30  
BG 65Sx50



Source: Dunkermotoren

	<u>For standard applications</u>	<u>For high end applications</u>
<b><u>Technical data</u></b>		
Sheat	PVC	TPE-U (PUR)
Sheat colour	black	black
Outer ø app.	10,80 ø	10,70 ø
<u>Mechanical data:</u>	For fixed installation, flexible use	For highly flexible use, suitable for drag chains
<b>Bending radius</b> fixed installation: flexible installation:	>7,5 x cable ø >15 x cable ø	
<u>Thermal properties:</u>		
<b>Temperature range</b> fixed installation: flexible installation:	-30 to +80°C -15 to +80°C	- 40 to +100°C - 25 to +100°C
<u>Material-specific properties</u>		
<b>Cable</b>		
flame resistant accord. to UL758/1581 / DIN EN 60332-2-2	- ✓	✓ ✓
halogen-free	-	✓
LS0H (Low Smoke Zero Halogens)	-	✓
silicone-free	✓	✓
<b>Cable sheat</b>		
oil resistant accord. to DIN EN 60811-404	-	✓
smoke density accord. DIN EN 61034	-	✓
UV-resistant	-	✓
generally good chemical resistance	✓	✓
seewater-resistance	-	✓
resistant to hydroly- sis and microbes	-	✓

Description	Length	Art.-Nr. for standard applications	Art.-Nr. for high end applications	
			UL-listed components	UL-applications 
All-in-One-connecting cable for SIMATIC MICRO-DRIVE PDC100 (F)  to Dunkermotoren BG 45x30 BG 65Sx50	0,5 m	70051000000050	70051020000050	70051070000050
	1,5 m	70051000000150	70051020000150	70051070000150
	3,0 m	70051000000300	70051020000300	70051070000300
	5,0 m	70051000000500	70051020000500	70051070000500
	10,0 m	70051000001000	70051020001000	70051070001000
	Any length < 10 m	70051000000xxx	70051020000xxx	70051070000xxx

# Motor connecting cable LAiO10 for SIMATIC MICRO-DRIVE on Dunkermotoren



For use with:

SIMATIC MICRO-DRIVE



PDC1000 (F)


Source: Siemens AG

Dunkermotoren model series BG 45x30  
BG65Sx50



Source: Dunkermotoren

	<b><u>For high end applications</u></b>
<b><u>Technical data</u></b>	
Sheat	TPE-U (PUR)
Sheat colour	black
Outer ø app.	10,70 ø
<b><u>Mechanical data:</u></b>	
	For highly flexible use, suitable for drag chains
<b>Bending radius</b> fixed installation: flexible installation:	 >7,5 x cable ø >15 x cable ø
<b><u>Thermal properties:</u></b>	
<b>Temperature range</b> fixed installation: flexible installation:	 - 40 to +100°C - 25 to +100°C
<b><u>Material-specific properties</u></b>	
<b>Cable</b>	
flame resistant accord. to UL758/1581 / DIN EN 60332-2-2	✓ ✓
halogen-free	✓
LS0H (Low Smoke Zero Halogens)	✓
silicone-free	✓
<b>Cable sheat</b>	
oil resistant accord. to DIN EN 60811-404	✓
smoke density accord. DIN EN 61034	✓
UV-resistant	✓
generally good chemical resistance	✓
seewater-resistance	✓
resistant to hydroly- sis and microbes	✓

Description	Length	Art.-Nr. for high end applications	
		UL-listed components	UL-applications 
All-in-One-connecting cable for SIMATIC MICRO-DRIVE PDC1000 (F)  to Dunkermotoren BG 45x30 BG65Sx50	0,5 m 1,5 m 3,0 m 5,0 m 10,0 m Any length < 10 m	70051920000050 70051920000150 70051920000300 70051920000500 70051920001000 70051920000xxx	70051970000050 70051970000150 70051970000300 70051970000500 70051970001000 70051970000xxx

# Motor connecting cable CSD\_LAiO1 for SIMATIC F-TM ServoDrive on Dunkermotoren



For use with:

SIMATIC F-TM ServoDrive ST




Source: Siemens AG

Dunkermotoren model series BG 45x30  
BG65Sx50



Source: Dunkermotoren

<b>For high end applications</b>	
<b>Technical data</b>	
Sheat	TPE-U (PUR)
Sheat colour	black
Outer ø app.	10,70 ø
<b>Mechanical data:</b>	
For highly flexible use, suitable for drag chains	
<b>Bending radius</b> fixed installation: flexible installation:	 >7,5 x cable ø >15 x cable ø
<b>Thermal properties:</b>	
<b>Temperature range</b> fixed installation: flexible installation:	 - 40 to +100°C - 25 to +100°C
<b>Material-specific properties</b>	
<b>Cable</b>	
flame resistant accord. to UL758/1581 / DIN EN 60332-2-2	✓ ✓
halogen-free	✓
LS0H (Low Smoke Zero Halogens)	✓
silicone-free	✓
<b>Cable sheat</b>	
oil resistant accord. to DIN EN 60811-404	✓
smoke density accord. DIN EN 61034	✓
UV-resistant	✓
generally good chemical resistance	✓
seewater-resistance	✓
resistant to hydroly- sis and microbes	✓

Description	Length	Art.-Nr. for high end applications	
		UL-listed components	UL-applications 
All-in-One-connecting cable for SIMATIC F-TM ServoDrive ST  to Dunkermotoren BG 45x30 BG65Sx50	0,5 m 1,5 m 3,0 m 5,0 m 10,0 m Any length < 10 m	70056020000050 70056020000150 70056020000300 70056020000500 70056020001000 70056020000xxx	70056070000050 70056070000150 70056070000300 70056070000500 70056070001000 70056070000xxx

# Motor connecting cable LPMo1 for SIMATIC MICRO-DRIVE on Dunkermotoren



For use with:

SIMATIC MICRO-DRIVE



PDC1000 (F)


Source: Siemens AG

Dunkermotoren model series BG75x50



Source: Dunkermotoren

	<u>For standard applications</u>	<u>For high end applications</u>
<b>Technical data</b>		
Sheat	PVC	PUR
Sheat colour	grey	grey
Outer ø app.	10 ø	11,3 ø
<b>Mechanical data:</b>		
	For fixed installation, flexible use	For extreme mechanical use, suitable for drag chains
<b>Bending radius</b>		
fixed installation:	5 x cable ø	
flexible installation:	10 x cable ø	7,5 x cable ø
<b>Thermal properties:</b>		
<b>Temperature range</b>		
fixed installation:	-20 to +80°C	- 20 to +80°C
flexible installation:	-10 to +80°C	- 20 to +80°C
<b>Material-specific properties</b>		
<b>Cable</b>		
flame resistant according to DIN VDE 0482-332-1-2	✓	✓
DIN EN 60332-1-2	✓	✓
halogen-free	-	✓
silicone-free	✓	✓
<b>Cable Sheat</b>		
oil resistant	largely	✓
generally good chemical resistance	-	✓
resistant to hydrolysis and microbes	-	✓

Description	Length	Art.-Nr. for standard applications	Art.-Nr. for high end applications	
			UL-listed components	UL-applications 
Motor-connecting cable for SIMATIC MICRO-DRIVE PDC1000 (F) to Dunkermotoren BG75x50	0,5 m	70051100000050	70051120000050	70051170000050
	1,5 m	70051100000150	70051120000150	70051170000150
	3,0 m	70051100000300	70051120000300	70051170000300
	5,0 m	70051100000500	70051120000500	70051170000500
	10,0 m	70051100001000	70051120001000	70051170001000
	Any length < 10 m	70051100000xxx	70051120000xxx	70051170000xxx



# Motor connecting cable LPMo3 for SIMATIC MICRO-DRIVE



For use with:

SIMATIC MICRO-DRIVE



PDC1000 (F)

Source: Siemens AG

Dunkermotoren model series BG 95x40  
BG 95x80



Source: Dunkermotoren

Motoren Fa. ebm-papst series ECI 80.40  
ECI 80.60



Source: ebm-papst

	<u>For standard applications</u>	<u>For high end applications</u>
<b>Technical data</b>		
Sheat	PVC	PUR
Sheat colour	grey	grey
Outer ø app.	10,60 ø	13,3 ø
<b>Mechanical data:</b>		
	For fixed installation, flexible use	For highly flexible use, suitable for drag chains
<b>Biegeradius</b> fixed installation: flexible installation:	>5 x cable ø >10 x cable ø	7,5 x cable ø
<b>Thermal properties</b>		
<b>Temperature range</b> fixed installation: flexible installation:	-20 to +80°C -10 to +80°C	- 20 to +80°C - 20 to +80°C
<b>Material-specific properties</b>		
<b>Cable</b>		
flame resistant according to DIN EN 60332-1-2 UL20549	✓ -	✓ ✓
halogen-free	-	✓
silicone-free	✓	✓
<b>Cable sheat</b>		
oil resistant	largely	✓
suitable for drag chains	-	✓
generally good chemical resistant	✓	✓
resistant to hydrolysis and microbes	-	✓

Description	Length	Art.-Nr. for standard applications	Art.-Nr. for high end applications	
			UL-listed components	UL-applications
Motor connecting cable for SIMATIC MICRO-DRIVE PDC1000 (F) to Dunkermotoren BG 95x40 BG 95x80 to Motoren Fa. ebm-papst ECI 80.40 ECI 80.60	0,5 m 1,5 m 3,0 m 5,0 m 10,0 m Any length < 10 m	70051800000050 70051800000150 70051800000300 70051800000500 70051800001000 70051800000xxx	70051820000050 70051820000150 70051820000300 70051820000500 70051820001000 70051820000xxx	70051870000050 70051870000150 70051870000300 70051870000500 70051870001000 70051870000xxx

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# Encoder cable LPE n1 for SIMATIC MICRO-DRIVE on Dunkermotoren



For use with:

SIMATIC MICRO-DRIVE



PDC1000 (F)

Source: Siemens AG

Dunkermotoren model series BG75x50  
BG 95x40  
BG 95x80



Source: Dunkermotoren

	<u>For standard applications</u>	<u>For high end applications</u>
<b>Technical data</b>		
Sheat	PVC	PUR
Sheat colour	grey	grey
Outer ø app.	8,8 ø	8,1 ø
<b>Mechanical data:</b>		
	For fixed installation, flexible use	For highly flexible use, suitable for drag chains
<b>Bending radius</b> fixed installation:	5 x cable ø	
flexible installation:	10 x cable ø	7,5 x cable ø
<b>Thermal properties:</b>		
<b>Temperature range</b> fixed installation:	-20 to +80°C	-20 to +80°C
flexible installation:	-5 to +80°C	-20 to +80°C
<b>Material-specific properties</b>		
<b>Cable</b>		
flame resistant according to DIN EN 60332-1-2	✓	✓
UL: 20549,2033,CMX	-	✓
CSA: AWM C22.2 N 210.2-M90 FT1	-	✓
halogen-free	-	✓
silicone-free	✓	✓
<b>Cable sheat</b>		
oil resistant	largely	✓
self-extinguishing	✓	✓
resistant to hydrolysis and microbes	-	✓

Description	Length	Art.-Nr. for standard applications	Art.-Nr. for high end applications	
			UL-listed components	UL-applications
Encoder connecting cable for SIMATIC MICRO-DRIVE PDC1000 (F)  to Dunkermotoren BG 75x50 BG 95x40 BG 95x80	0,5 m	70051200000050	70051220000050	70051270000050
	1,5 m	70051200000150	70051220000150	70051270000150
	3,0 m	70051200000300	70051220000300	70051270000300
	5,0 m	70051200000500	70051220000500	70051270000500
	10,0 m	70051200001000	70051220001000	70051270001000
	Any length < 10 m	70051200000xxx	70051220000xxx	70051270000xxx

# Brake cable LPBr1 for SIMATIC MICRO-DRIVE on Dunkermotoren



For use with:

SIMATIC MICRO-DRIVE



PDC100 (F)  
PDC1000 (F)  
F-TM ServoDrive

Source: Siemens AG

Dunkermotoren model series BG 45x30  
BG 65Sx50  
BG 75x50  
BG 95x40  
BG 95x80



Source: Dunkermotoren

	<u>For standard applications</u>	<u>For high end applications</u>
<b><u>Technical data</u></b>		
Sheat	PVC	PUR-C-(TP)-513
Sheat colour	grey	grey
Outer ø app	5,7 ø	5,9 ø
<b><u>Mechanical data:</u></b>		
	For fixed installation, flexible use	For highly flexible use, suitable for drag chains
<b>Bending radius</b> fixed installation:	5x cable ø	7,5 x cable ø
flexible installation:	10x cable ø	
<b><u>Thermal properties:</u></b>		
<b>Temperature range</b> fixed installation:	-30 to +80°C	-30 to +80°C
flexible installation:	-10 to +80°C	-10 to +80°C
<b><u>Material-specific properties</u></b>		
<b>Cable</b>		
flame resistant according to DIN EN 60332-1-2 UL: 20549,20233,CMX CSA: AWM C22.2 N 210.2-M90 FT1	✓ - -	✓ ✓ ✓
halogen-free	-	✓
silicone-free	✓	✓
<b>Cable sheat</b>		
oil resistant	largely	✓
self-extinguishing	✓	✓
resistant to hydrolysis and microbes	-	✓

Description	Length	Art.-Nr. for standard applications	Art.-Nr. for high end applications	
			UL-listed components	UL-applications
Brake connecting cable for SIMATIC MICRO-DRIVE PDC100 (F) PDC1000 (F) F-TM ServoDrive to Dunkermotoren BG 45x30 BG 65Sx50 BG 75x50 BG 95x40 BG 95x80	0,5 m	70051300000050	70051320000050	70051370000050
	1,5 m	70051300000150	70051320000150	70051370000150
	3,0 m	70051300000300	70051320000300	70051370000300
	5,0 m	70051300000500	70051320000500	70051370000500
	10,0 m	70051300001000	70051320001000	70051370001000
	Any length < 10 m	70051300000xxx	70051320000xxx	70051370000xxx

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# Motor connecting cable LAiO2 for SIMATIC MICRO-DRIVE on ECI Motoren Fa. ebm-papst



For use with:

SIMATIC MICRO-DRIVE

PDC100 (F)



Source: Siemens AG

Motoren Fa. ebm-papst

Baureihe  
ECI 42  
ECI 63



Source: ebm-papst

	<u>For standard applications</u>	<u>For high end applications</u>
<b><u>Technical data</u></b>		
Sheat	PVC	TPE-U PUR
Sheat colour	black	black
Outer ø app.	10,80 ø	10,70 ø
<b><u>Mechanical data:</u></b>	For fixed installation, flexible use	For highly flexible use, suitable for drag chains
<b>Bending radius</b> fixed installation: flexible installation:	>7,5 x cable ø >15 x cable ø	
<b><u>Thermal properties:</u></b>		
<b>Temperature range</b> fixed installation: flexible installation:	-20 to +80°C -15 to +80°C	- 20 to +105°C - 20 to +105°C
<b><u>Material-specific properties</u></b>		
<b>Cable</b>		
flame resistant accord. to UL758/1581 / DIN EN 60332-2-2	- ✓	✓ ✓
halogen-free	-	✓
LS0H (Low Smoke Zero Halogens)	-	✓
silicone-free	✓	✓
<b>Cable sheat</b>		
oil resistant accord, DIN EN 60811-404	-	✓
smoke density accord. DIN EN 61034	-	✓
UV-resistant	-	✓
generally good chemical resistance	✓	✓
seewater-resistance	-	✓
resistant to hydroly- sis and microbes	-	✓

Description	Length	Art.-Nr. for standard applications	Art.-Nr. for high end applications	
			UL-listed components	UL-applications
All-in-One-connecting cable for SIMATIC MICRO-DRIVE PDC100 (F)  to Motoren Fa. ebm-papst ECI 42.20/ -.40 ECI 63.20/ -.40/ -.60	0,5 m	70051400000050	70051420000050	70051470000050
	1,5 m	70051400000150	70051420000150	70051470000150
	3,0 m	70051400000300	70051420000300	70051470000300
	5,0 m	70051400000500	70051420000500	70051470000500
	10,0 m	70051400001000	70051420001000	70051470001000
	Any length < 10 m	70051400000xxx	70051420000xxx	70051470000xxx

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# Motor connecting cable LAiO20 for SIMATIC MICRO-DRIVE on ECI Motoren Fa. ebm-papst



For use with:

SIMATIC MICRO-DRIVE



PDC1000 (F)

Source: Siemens AG


Motoren Fa. ebm-papst

Baureihe  
ECI 42  
ECI 63



Source: ebm-papst

<b><u>For high end applications</u></b>	
<b><u>Technical data</u></b>	
Sheat	TPE-U PUR
Sheat colour	black
Outer ø app.	10,70 ø
<b><u>Mechanical data:</u></b>	
For highly flexible use, suitable for drag chains	
<b>Bending radius</b> fixed installation: flexible installation:	>7,5 x cable ø >15 x cable ø
<b><u>Thermal properties:</u></b>	
<b>Temperature range</b> fixed installation: flexible installation:	- 20 to +105°C - 20 to +105°C
<b><u>Material-specific properties</u></b>	
<b>Cable</b>	
flame resistant accord. to UL758/1581 / DIN EN 60332-2-2	✓ ✓
halogen-free	✓
LS0H (Low Smoke Zero Halogens)	✓
silicone-free	✓
<b>Cable sheat</b>	
oil resistant accord. DIN EN 60811-404	✓
smoke density accord. DIN EN 61034	✓
UV-resistant	✓
generally good chemical resistance	✓
seewater-resistance	✓
resistant to hydroly- sis and microbes	✓

Description	Length	Art.-Nr. for high end applications	
		UL-listed components	UL-applications 
All-in-One-connecting cable for SIMATIC MICRO-DRIVE PDC1000 (F)	0,5 m 1,5 m 3,0 m	70051520000050 70051520000150 70051520000300	70051570000050 70051570000150 70051570000300
to Motoren Fa. ebm-papst ECI 42.20/ -.40 ECI 63.20/ -.40/ -.60	5,0 m 10,0 m Any length < 10 m	70051520000500 70051520001000 70051520000xxx	70051570000500 70051570001000 70051570000xxx

# Motor connecting cable CSD\_LAiO2 for SIMATIC F-TM ServoDrive ST on ECI Motoren Fa. ebm-papst



For use with:

SIMATIC F-TM ServoDrive ST



Source: Siemens AG


Motoren Fa. ebm-papst

Baureihe  
ECI 42  
ECI 63



Source: ebm-papst

	<b><u>For high end applications</u></b>
<b><u>Technical data</u></b>	
Sheat	TPE-U PUR
Sheat colour	black
Outer ø app.	10,70 ø
<b><u>Mechanical data:</u></b>	
For highly flexible use, suitable for drag chains	
<b>Bending radius</b> fixed installation: flexible installation:	 >7,5 x cable ø >15 x cable ø
<b><u>Thermal properties:</u></b>	
<b>Temperature range</b> fixed installation: flexible installation:	 - 20 to +105°C - 20 to +105°C
<b><u>Material-specific properties</u></b>	
<b>Cable</b>	
flame resistant accord. to UL758/1581 / DIN EN 60332-2-2	✓ ✓
halogen-free	✓
LS0H (Low Smoke Zero Halogens)	✓
silicone-free	✓
<b>Cable sheat</b>	
oil resistant accord. DIN EN 60811-404	✓
smoke density accord. DIN EN 61034	✓
UV-resistant	✓
generally good chemical resistance	✓
seewater-resistance	✓
resistant to hydroly- sis and microbes	✓

Description	Length	Art.-Nr. for high end applications	
		UL-listed components	UL-applications 
All-in-One-connecting cable SIMATIC F-TM ServoDrive ST  to Motoren Fa. ebm-papst ECI 42.20/ -.40 ECI 63.20/ -.40/ -.60	0,5 m 1,5 m 3,0 m 5,0 m 10,0 m Any length < 10 m	70056420000050 70056420000150 70056420000300 70056420000500 70056420001000 70056420000xxx	70056470000050 70056470000150 70056470000300 70056470000500 70056470001000 70056470000xxx

# Motor connecting cable LPMo3 for SIMATIC MICRO-DRIVE



For use with:

SIMATIC MICRO-DRIVE



PDC1000 (F)

Source: Siemens AG

Dunkermotoren model series BG 95x40  
BG 95x80



Source: Dunkermotoren

Motoren Fa. ebm-papst series ECI 80.40  
ECI 80.60



Source: ebm-papst

	<u>For standard applications</u>	<u>For high end applications</u>
<b>Technical data</b>		
Sheat	PVC	PUR
Sheat colour	grey	grey
Outer ø app.	10,60 ø	13,3 ø
<b>Mechanical data:</b>		
	For fixed installation, flexible use	For highly flexible use, suitable for drag chains
<b>Bending radius</b> fixed installation: flexible installation:	>5 x cable ø >10 x cable ø	7,5 x cable ø
<b>Thermal properties</b>		
<b>Temperature range</b> fixed installation: flexible installation:	-20 to +80°C -10 to +80°C	- 20 to +80°C - 20 to +80°C
<b>Material-specific properties</b>		
<b>Cable</b>		
flame resistant according to DIN EN 60332-1-2 UL20549	✓ -	✓ ✓
halogen-free	-	✓
silicone-free	✓	✓
<b>Cable sheat</b>		
oil resistant	largely	✓
suitable for drag chains	-	✓
generally good chemical resistant	✓	✓
resistant to hydrolysis and microbes	-	✓

Description	Length	Art.-Nr. for standard applications	Art.-Nr. for high end applications	
			UL-listed components	UL-applications
Motor connecting cable for SIMATIC MICRO-DRIVE PDC1000 (F) to Dunkermotoren BG 95x40 BG 95x80 to Motoren Fa. ebm-papst ECI 80.40 ECI 80.60	0,5 m 1,5 m 3,0 m 5,0 m 10,0 m Any length < 10 m	70051800000050 70051800000150 70051800000300 70051800000500 70051800001000 70051800000xxx	70051820000050 70051820000150 70051820000300 70051820000500 70051820001000 70051820000xxx	70051870000050 70051870000150 70051870000300 70051870000500 70051870001000 70051870000xxx

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# Encoder cable LPEn2 for SIMATIC MICRO-DRIVE on ECI Motoren Fa. ebm-papst



For use with:

SIMATIC MICRO-DRIVE



PDC1000 (F)

Source: Siemens AG

Motoren Fa. ebm-papst

series  
ECI 80.40  
ECI 80.60



Source: ebm-papst

	<u>For standard applications</u>	<u>For high end applications</u>
<b>Technical data</b>		
Sheat	PVC	PUR-C-(TP)-513
Sheat colour	grey	grey
Outer ø app.	10 ø	8,7 ø
<b>Mechanical data:</b>		
	For fixed installation, flexible use	For highly flexible use, suitable for drag chains
<b>Bending radius</b> fixed installation:	5 x cable ø	
flexible installation:	10 x cable ø	7,5 x cable ø
<b>Thermal properties:</b>		
<b>Temperature range</b> fixed installation:	-20 to +80°C	-20 to +80°C
flexible installation:	-5 to +80°C	-20 to +80°C
<b>Material-specific properties</b>		
<b>Cable</b>		
flame resistant according to DIN EN 60332-1-2 UL: 20549,2033,CMX CSA: AWM C22.2 N 210.2 -M90 FT1	✓ - -	✓ ✓ ✓
halogen-free	-	✓
silicone-free	✓	✓
<b>Cable sheat</b>		
oil resistant	largely	✓
self-extinguishing	✓	✓
resistant to hydrolysis and microbes	-	✓

Description	Length	Art.-Nr. for standard applications	Art.-Nr. for high end applications	
			UL-listed components	UL-applications
Encoder connecting cable for SIMATIC MICRO-DRIVE PDC1000 (F)	0,5 m 1,5 m 3,0 m 5,0 m 10,0 m Any length < 10 m	70051600000050 70051600000150 70051600000300 70051600000500 70051600001000 70051600000xxx	70051620000050 70051620000150 70051620000300 70051620000500 70051620001000 70051620000xxx	70051670000050 70051670000150 70051670000300 70051670000500 70051670001000 70051670000xxx
to Motoren Fa. ebm-papst ECI 80.40 ECI 80.60				



# Brake cable LPBr2 for SIMATIC MICRO-DRIVE on ECI Motoren Fa. ebm-papst



For use with

SIMATIC MICRO-DRIVE



PDC100 (F)  
PDC1000 (F)  
F-TM ServoDrive

Source: Siemens AG

Motoren Fa. ebm-papst series

ECI 42  
ECI 63  
ECI 80



Source: ebm-papst

	<u>For standard applications</u>	<u>For high end applications</u>
<b><u>Technical data</u></b>		
Sheat	PVC	PUR-C-(TP)-513
Sheat colour	grey	grey
Outer ø app.	5,7 ø	5,9 ø
<u>Mechanical data:</u>	For fixed installation, flexible use	For highly flexible use, suitable for drag chains
<b>Bending radius</b> fixed installation:	5x cable ø	7,5 x cable ø
flexible installation:	10x cable ø	
<u>Thermal properties:</u>		
<b>Temperature range</b> fixed installation:	-20 to +80°C	-20 to +80°C
flexible installation:	-10 to +80°C	-20 to +80°C
<u>Material-specific properties</u>		
<b>Cable</b>		
flame resistant according to DIN EN 60332-1-2 UL: 20549,20233,CMX CSA: AWM C22.2 N 210.2-M90 FT1	✓ - -	✓ ✓ ✓
halogen-free	-	✓
silicone-free	✓	✓
<b>Cable sheat</b>		
oil resistant	largely	✓
self-extinguishing	✓	✓
resistant to hydrolysis and microbes	-	✓

Description	Length	Art.-Nr. for standard applications	Art.-Nr. for high end applications	
			UL-listed components	UL-applications
Brake connecting cable for SIMATIC MICRO-DRIVE				
PDC100 (F)	0,5 m	70051700000050	70051720000050	70051770000050
PDC1000 (F)	1,5 m	70051700000150	70051720000150	70051770000150
F-TM ServoDrive	3,0 m	70051700000300	70051720000300	70051770000300
to Motoren Fa. ebm-papst	5,0 m	70051700000500	70051720000500	70051770000500
ECI 42.20/ -.40	10,0 m	70051700001000	70051720001000	70051770001000
ECI 63.20/ -.40/ -.60	Any length < 10 m	70051700000xxx	70051720000xxx	70051770000xxx
ECI 80.40/ -.60				

Art.-Nr.	Side
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700510xx	5
700519xx	6
700560xx	7
700511xx	8
700518xx	9
700512xx	10
700513xx	11
700514xx	12
700515xx	13
700564xx	14
700518xx	15
700516xx	16
700517xx	17

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