





















# Connecting cables for SIMATIC MICRO-DRIVE





# Connecting cables for SIMATIC MICRO-DRIVE:

						
PDC Power of all variants	connecting cable for	PDC100/100F	PDC600/600F PDC1000/1000F		F-TM ServoDrive	
 Dunkermotoren connecting cables for drives	motor frame size	BG45x30 BG65Sx50	BG45x30 BG65Sx50	BG75x50	BG95x40 BG95x80	BG45x30 BG65x50
	motor					
	encoder	700510xx LAIo1	700519xx LAIo10			700560xx CSD_LAiO1
	brake cable					
 ebm-papst connecting cables for drives	motor frame size	ECI42...; ECI63...	ECI42...; ECI63...	ECI80...		ECI42...; ECI63...
	motor					
	encoder	700514xx LAIo2	700515xx LAIo20			700564xx CSD_LAiO2
	brake cable					

# Table of contents:

## **1 Connecting cable for Dunkermotoren**

1.1	<u>All-in-One connecting cable (motor– and encoder cable)</u>	
1.1.1	Motor connecting cable LAiO1	5
1.1.2	Motor connecting cable LAiO10	6
1.1.3	Motor connecting cable CSD_LAiO1	7
1.2	<u>Motor cable</u>	
1.2.1	Motor connecting cable LPMo1	8
1.2.2	Motor connecting cable LPMo3	9
1.3	<u>Encoder cable</u>	
1.3.1	Encoder cable LPEn1	10
1.4	<u>Brake cable</u>	
1.4.1	Brake cable LPBr1	11

## **2 Connecting cable for ebm-papst**

2.1	<u>All-in-One connecting cable (motor– and encoder cable)</u>	
2.1.1	Motor connecting cable LAiO2	12
2.1.2	Motor connecting cable LAiO20	13
2.1.3	Motor connecting cable CSD_LAiO2	14
2.2	<u>Motor cable</u>	
2.2.1	Motor connecting cable LPMo3	15
2.3	<u>Encoder cable</u>	
2.3.1	Encoder cable LPEn2	16
2.4	<u>Brake cable</u>	
2.4.1	Brake cable LPBr2	17

# 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>Technical data</b>		
Sheat	PVC	TPE-U (PUR)
Sheat colour	black	black
Outer ø app.	10,80 ø	10,70 ø
<b>Mechanical data:</b>		
	For fixed installation, flexible use	For highly flexible use, suitable for drag chains
<b>Bending radius</b>		
fixed installation:		>7,5 x cable ø
flexible installation:		>15 x cable ø
<b>Thermal properties:</b>		
<b>Temperature range</b>		
fixed installation:	-30 to +80°C	- 40 to +100°C
flexible installation:	-15 to +80°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 hydrolysis 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



PDC600(F)  
PDC1000 (V1)

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:	>7,5 x cable ø
flexible installation:	>15 x cable ø
<b>Thermal properties:</b>	
<b>Temperature range</b>	
fixed installation:	- 40 to +100°C
flexible installation:	- 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 DINEN 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 PDC600(F) PDC1000 (V1)  to Dunkermotoren BG 45x30 BG65Sx50	0,5 m	70051920000050	70051970000050
	1,5 m	70051920000150	70051970000150
	3,0 m	70051920000300	70051970000300
	5,0 m	70051920000500	70051970000500
	10,0 m	70051920001000	70051970001000
	Any length < 10 m	70051920000xxx	70051970000xxx

# Motor connecting cable CSD\_LAI01 for SIMATIC F-TM ServoDrive on Dunkermotoren



For use with:

SIMATIC F-TM ServoDrive



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:	>7,5 x cable ø
flexible installation:	>15 x cable ø
<b><u>Thermal properties:</u></b>	
<b>Temperature range</b>	
fixed installation:	- 40 to +100°C
flexible installation:	- 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 F-TM ServoDrive  to Dunkermotoren BG 45x30 BG65Sx50	0,5 m	70056020000050	70056070000050
	1,5 m	70056020000150	70056070000150
	3,0 m	70056020000300	70056070000300
	5,0 m	70056020000500	70056070000500
	10,0 m	70056020001000	70056070001000
	Any length < 10 m	70056020000xxx	70056070000xxx

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



For use with:

SIMATIC MICRO-DRIVE



PDC600 (F)  
PDC1000 (V1)

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 PDC600 (F) PDC1000 (V1) 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 on Dunkermotoren



For use with:

SIMATIC MICRO-DRIVE



PDC600 (F)  
PDC1000 (V1)


Source: Siemens AG

Dunkermotoren model series 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.	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 PDC600 (F) PDC1000 (V1) to Dunkermotoren BG 95x40 BG 95x80	0,5 m	70051800000050	70051820000050	70051870000050
	1,5 m	70051800000150	70051820000150	70051870000150
	3,0 m	70051800000300	70051820000300	70051870000300
	5,0 m	70051800000500	70051820000500	70051870000500
	10,0 m	70051800001000	70051820001000	70051870001000
	Any length < 10 m	70051800000xxx	70051820000xxx	70051870000xxx

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



For use with:

SIMATIC MICRO-DRIVE



PDC600 (F)  
PDC1000 (V1)


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 PDC600 (F) PDC1000 (V1)  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)  
PDC600 (F)  
PDC1000 (V1)  
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>Technical data</b>		
Sheat	PVC	PUR-C-(TP)-513
Sheat colour	grey	grey
Outer ø app	5,7 ø	5,9 ø
<b>Mechanical data:</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>Thermal properties:</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>Material-specific properties</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)	0,5 m	70051300000050	70051320000050	70051370000050
PDC600 (F)	1,5 m	70051300000150	70051320000150	70051370000150
PDC1000 (V1)	3,0 m	70051300000300	70051320000300	70051370000300
F-TM ServoDrive	5,0 m	70051300000500	70051320000500	70051370000500
to Dunkermotoren	10,0 m	70051300001000	70051320001000	70051370001000
BG 45x30	Any length < 10 m	70051300000xxx	70051320000xxx	70051370000xxx
BG 65Sx50				
BG 75x50				
BG 95x40				
BG 95x80				

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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)

Quelle: 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>Technical data</b>		
Sheat	PVC	TPE-U PUR
Sheat colour	black	black
Outer ø app.	10,80 ø	10,70 ø
<b>Mechanical data:</b>		
	For fixed installation, flexible use	For highly flexible use, suitable for drag chains
<b>Bending radius</b>		
fixed installation:		>7,5 x cable ø
flexible installation:		>15 x cable ø
<b>Thermal properties:</b>		
<b>Temperature range</b>		
fixed installation:	-20 to +80°C	- 20 to +105°C
flexible installation:	-15 to +80°C	- 20 to +105°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, DIN EN 60811-404	-	✓
smoke density accord. DIN EN 61034	-	✓
UV-resistant	-	✓
generally good chemical resistance	✓	✓
seewater-resistance	-	✓
resistant to hydrolysis 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

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



For use with:

SIMATIC MICRO-DRIVE



PDC600(F)  
PDC1000 (V1)

Source: Siemens AG

Motoren Fa. ebm-papst

Baureihe  
ECI 42  
ECI 63



Source: ebm-papst

<b><u>For high end applications</u></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:	>7,5 x cable ø
flexible installation:	>15 x cable ø
<b>Thermal properties:</b>	
<b>Temperature range</b>	
fixed installation:	- 20 to +105°C
flexible installation:	- 20 to +105°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. DIN EN 60811-404	✓
smoke density accord. DIN EN 61034	✓
UV-resistant	✓
generally good chemical resistance	✓
seewater-resistance	✓
resistant to hydrolysis and microbes	✓

Description	Length	Art.-Nr. for high end applications	
		UL-listed components	UL-applications
All-in-One-connecting cable For SIMATIC MICRO-DRIVE PDC600(F) PDC1000 (V1)  to Motoren Fa. ebm-papst ECI 42.20/ -.40 ECI 63.20/ -.40/ -.60	0,5 m	70051520000050	70051570000050
	1,5 m	70051520000150	70051570000150
	3,0 m	70051520000300	70051570000300
	5,0 m	70051520000500	70051570000500
	10,0 m	70051520001000	70051570001000
	Any length < 10 m	70051520000xxx	70051570000xxx

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



For use with:

SIMATIC F-TM ServoDrive



Source: Siemens AG

Motoren Fa. ebm-papst

Baureihe  
ECI 42  
ECI 63



Source: ebm-papst

<b><u>For high end applications</u></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:	>7,5 x cable ø
flexible installation:	>15 x cable ø
<b>Thermal properties:</b>	
<b>Temperature range</b>	
fixed installation:	- 20 to +105°C
flexible installation:	- 20 to +105°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. 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	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
to Motoren Fa. ebm-papst ECI 42.20/ -.40 ECI 63.20/ -.40/ -.60			

# Motor connecting cable LPMo3 for SIMATIC MICRO-DRIVE on ECI Motoren Fa. ebm-papst



For use with:

SIMATIC MICRO-DRIVE



PDC600 (F)  
PDC1000 (V1)

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
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:	>5 x cable ø	7,5 x cable ø
flexible installation:	>10 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 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 PDC600 (F) PDC1000 (V1) to Motoren Fa. ebm-papst ECI 80.40 ECI 80.60	0,5 m	70051800000050	70051820000050	70051870000050
	1,5 m	70051800000150	70051820000150	70051870000150
	3,0 m	70051800000300	70051820000300	70051870000300
	5,0 m	70051800000500	70051820000500	70051870000500
	10,0 m	70051800001000	70051820001000	70051870001000
	Any length < 10 m	70051800000xxx	70051820000xxx	70051870000xxx

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



CE



For use with:

SIMATIC MICRO-DRIVE



PDC600(F)  
PDC1000 (V1)

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 PDC600(F) PDC1000 (V1)  to Motoren Fa. ebm-papst ECI 80.40 ECI 80.60	0,5 m	70051600000050	70051620000050	70051670000050
	1,5 m	70051600000150	70051620000150	70051670000150
	3,0 m	70051600000300	70051620000300	70051670000300
	5,0 m	70051600000500	70051620000500	70051670000500
	10,0 m	70051600001000	70051620001000	70051670001000
	Any length < 10 m	70051600000xxx	70051620000xxx	70051670000xxx



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



For use with

SIMATIC MICRO-DRIVE



PDC100 (F)  
PDC600 (F)  
PDC1000 (V1)  
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>Technical data</b>		
Sheat	PVC	PUR-C-(TP)-513
Sheat colour	grey	grey
Outer ø app.	5,7 ø	5,9 ø
<b>Mechanical data:</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>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 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
PDC600 (F)	1,5 m	70051700000150	70051720000150	70051770000150
PDC1000 (V1)	3,0 m	70051700000300	70051720000300	70051770000300
F-TM ServoDrive	5,0 m	70051700000500	70051720000500	70051770000500
to Motoren Fa. ebm-papst	10,0 m	70051700001000	70051720001000	70051770001000
ECI 42.20/ -.40	Any length < 10 m	70051700000xxx	70051720000xxx	70051770000xxx
ECI 63.20/ -.40/ -.60				
ECI 80.40/ -.60				

Art.-Nr.                      Side

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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