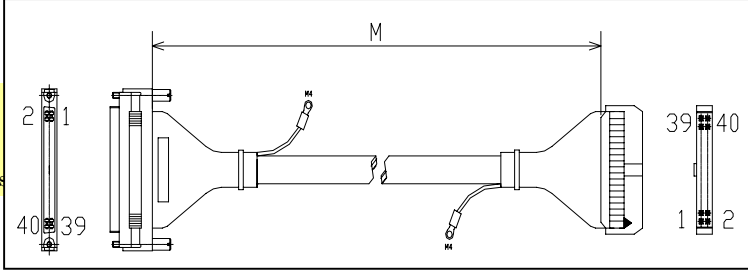


CROSS REFERENCE GUIDE for OMRON PLC

We have selection of two types of cable that is **KB40S-4F1H-#M** and **F7J40-28SV-#M** which either models can be used for three types of Interface Terminals. To select the suitable Cables and Interface Terminals, please refer to the following drawings.

TOGI Cable : KB40S-4F1H-#M

**OMRON
PLC module**
FCN36 CONNECTOR/40Ps



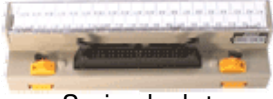
TOGI Interface
PCN-1H40
PCN7-1H40
PCV5-1H402
MIL CONNECTOR/40Ps

Normal terminal size with 7.62mm pitch



PCN-1H40

Small size terminal with 7mm pitch



PCN7-1H40

Spring lock type



PCV5-1H402

SYSMAC C200H / CS1 SERIES				TOYOGIKEN PRODUCTS	
I/O MODULE	I/O	POINTS	MOUNTING CONNECTER	CABLE	INTERFACE
C200H-ID216	IN	32	FCN36 CONNECTOR/40Ps	KB40S-4F1H-#M	PCN-1H40 PCN7-1H40 PCV5-1H402
C200H-ID217	IN	64	FCN36 CONNECTOR/40Ps×2		
C200H-ID218	IN	32	FCN36 CONNECTOR/40Ps		
C200H-ID219	IN	64	FCN36 CONNECTOR/40Ps×2		
C200H-ID111	IN	64	FCN36 CONNECTOR/40Ps×2		
CS1W-ID231	IN	32	FCN36 CONNECTOR/ 40Ps		
CS1W-ID261	IN	64	FCN36 CONNECTOR/ 40Ps×2		
C200H-OD218	OUT	32	FCN36 CONNECTOR/40Ps		
C200H-OD21B	OUT	32	FCN36 CONNECTOR/40Ps		
C200H-OD219	OUT	64	FCN36 CONNECTOR/40Ps×2		
CS1W-OD231	OUT	32	FCN36 CONNECTOR/40Ps		
CS1W-OD232	OUT	32	FCN36 CONNECTOR/40Ps		
CS1W-OD261	OUT	64	FCN36 CONNECTOR/40Ps×2		
CS1W-OD262	OUT	64	FCN36 CONNECTOR/40Ps×2		
CS1W-OD219	OUT	64	FCN36 CONNECTOR/40Ps×2		
C200H-MD561	IN/OUT	32/32	FCN36 CONNECTOR/40Ps×2		
C200H-MD261	IN/OUT	32/32	FCN36 CONNECTOR/40Ps×2		
C200H-MD262	IN/OUT	32/32	FCN36 CONNECTOR/40Ps×2		

SYSMAC CQM1H SERIES				TOYOGIKEN PRODUCTS	
I/O MODULE	I/O	POINTS	MOUNTING CONNECTER	CABLE	INTERFACE
CQM1-ID112	IN	32	FCN36 CONNECTOR/40Ps	KB40S-4F1H-#M	PCN-1H40 PCN7-1H40 PCV5-1H402
CQM1-ID113	IN	32	FCN36 CONNECTOR/40Ps		
CQM1-ID114	IN	32	FCN36 CONNECTOR/40Ps		
CQM1-OD213	OUT	32	FCN36 CONNECTOR/40Ps		
CQM1-OD216	OUT	32	FCN36 CONNECTOR/40Ps		

SYSMAC C500H SERIES				TOYOGIKEN PRODUCTS	
I/O MODULE	I/O	POINTS	MOUNTING CONNECTER	CABLE	INTERFACE
C500H-ID114	IN	64	FCN36 CONNECTOR/40Ps×2	KB40S-4F1H-#M	PCN-1H40 PCN7-1H40 PCV5-1H402
C500H-ID219	IN	64	FCN36 CONNECTOR/40Ps×2		
C500H-OD213	OUT	64	FCN36 CONNECTOR/40Ps×2		

SYSMAC CJ SERIES (I/O UNIT)				TOYOGIKEN PRODUCTS	
I/O MODULE	I/O	POINTS	MOUNTING CONNECTER	CABLE	INTERFACE
CJ1W-ID231	IN	32	FCN36 CONNECTOR/40Ps	KB40S-4F1H-#M	PCN-1H40 PCN7-1H40 PCV5-1H402
CJ1W-ID261	IN	64	FCN36 CONNECTOR/40Ps ×2		
CJ1W-OD231	OUT	32	FCN36 CONNECTOR/40Ps		
CJ1W-OD261	OUT	64	FCN36 CONNECTOR/40Ps ×2		
CJ1W-MD231	IN/OUT	64	FCN36 CONNECTOR/40Ps ×2		
CJ1W-MD261	IN/OUT	64	FCN36 CONNECTOR/40Ps ×2		

TOGI Canble : Made-to-order

OMRON PLC Module FCN36 CONNECTOR/24Ps		TOGI Interface PCN-4F24 PCN7-4F24 FCN36 CONNECTOR/24Ps
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Normal terminal size with 7.62mm pitch **PCN-4F24**

Small size terminal with 7mm pitch **PCN7-4F24**

SYSMAC C500H SERIES				TOYOGIKEN PRODUCTS	
I/O MODULE	I/O	POINTS	MOUNTING CONNECTER	CABLE	INTERFACE
C500H-ID218CN	IN	32	FCN36 CONNECTOR/24Ps×2	Made-to-order	PCN-4F24 PCN7-4F24
C500H-ID501CN	IN	32	FCN36 CONNECTOR/24Ps×2		
C500H-OD501CN	OUT	32	FCN36 CONNECTOR/24Ps×2		
C500H-OD415CN	OUT	32	FCN36 CONNECTOR/24Ps×2		
C500H-MD211CN	IN/OUT	16/16	FCN36 CONNECTOR/24Ps×2		

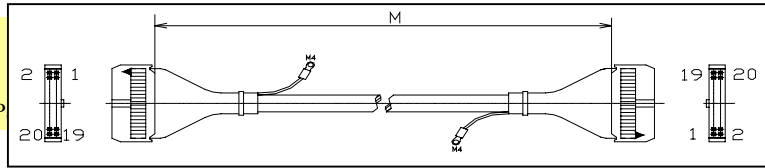
SYSMAC C200H / CS1 SERIES				TOYOGIKEN PRODUCTS	
I/O MODULE	I/O	POINTS	MOUNTING CONNECTER	CABLE	INTERFACE
C200H-ID215	IN	32	FCN36 CONNECTOR/ 24Ps×2	Made-to-order	PCN-4F24 PCN7-4F24
C200H-ID501	IN	32	FCN36 CONNECTOR/ 24Ps×2		
C200H-OD215	OUT	32	FCN36 CONNECTOR/ 24Ps×2		
C200H-OD501	OUT	32	FCN36 CONNECTOR/ 24Ps×2		
C200H-MD501	IN/OUT	16/16	FCN36 CONNECTOR/24Ps×2		
C200H-MD215	IN/OUT	16/16	FCN36 CONNECTOR/24Ps×2		
C200H-MD115	IN/OUT	16/16	FCN36 CONNECTOR/24Ps×2		
CS1W-ID291	IN	96	FCN36 CONNECTOR/ 56Ps×2	Not available	
CS1W-OD291	OUT	96	FCN36 CONNECTOR/ 56Ps×2		
CS1W-OD292	OUT	96	FCN36 CONNECTOR/ 56Ps×2		
C200H-MD291	IN/OUT	48/48	FCN36 CONNECTOR/56Ps×2		
C200H-MD292	IN/OUT	48/48	FCN36 CONNECTOR/56Ps×2		

SYSMAC CPM2C SERIES (CPU UNIT)				TOYOGIKEN PRODUCTS	
I/O MODULE	I/O	POINTS	MOUNTING CONNECTER	CABLE	INTERFACE
CPM2C-10CDTC-D	IN/OUT	6/4	FCN36 CONNECTOR/24Ps×2	Made-to-order	PCN-4F24 PCN7-4F24
CPM2C-10C1DTC-D	IN/OUT	6/4	FCN36 CONNECTOR/24Ps×2		
CPM2C-10CDT1C-D	IN/OUT	6/4	FCN36 CONNECTOR/24Ps×2		
CPM2C-10C1DT1C-D	IN/OUT	6/4	FCN36 CONNECTOR/24Ps×2		
CPM2C-20CDTC-D	IN/OUT	12/4	FCN36 CONNECTOR/24Ps×2		
CPM2C-20C1DTC-D	IN/OUT	12/4	FCN36 CONNECTOR/24Ps×2		
CPM2C-20CDT1C-D	IN/OUT	12/4	FCN36 CONNECTOR/24Ps×2		
CPM2C-20C1DT1C-D	IN/OUT	12/4	FCN36 CONNECTOR/24Ps×2		
CPM2C-32CDTC-D	IN/OUT	16/16	FCN36 CONNECTOR/24Ps×2		
CPM2C-32CDT1C-D	IN/OUT	16/16	FCN36 CONNECTOR/24Ps×2		

SYSMAC CPM2C SERIES (I/O UNIT)				TOYOGIKEN PRODUCTS	
I/O MODULE	I/O	POINTS	MOUNTING CONNECTER	CABLE	INTERFACE
CPM2C-24EDTC	IN/OUT	16/8	FCN36 CONNECTOR/24Ps×2	Made-to-order	PCN-4F24 PCN7-4F24
CPM2C-24EDT1C	IN/OUT	16/8	FCN36 CONNECTOR/24Ps×2		
CPM2C-32EDTC	IN/OUT	16/16	FCN36 CONNECTOR/24Ps×2		
CPM2C-32EDT1C	IN/OUT	16/16	FCN36 CONNECTOR/24Ps×2		
CPM2C-24EDTC	IN/OUT	16/8	FCN36 CONNECTOR/24Ps		
CPM2C-8EDC	IN	8	FCN36 CONNECTOR/24Ps		
CPM2C-16EDC	IN	16	FCN36 CONNECTOR/24Ps		
CPM2C-8ETC	OUT	8	FCN36 CONNECTOR/24Ps		
CPM2C-8ET1C	OUT	8	FCN36 CONNECTOR/24Ps		
CPM2C-16ETC	OUT	16	FCN36 CONNECTOR/24Ps		
CPM2C-16ET1C	OUT	16	FCN36 CONNECTOR/24Ps		

TOGI Cable : KBS-1H20-#M

**OMRON
PLC Module**
MIL CONNECTOR/20P



TOGI Interface
PCN-1H20
PCN7-1H20
PCV5-1H20
MIL CONNECTOR/20Ps

Normal terminal size with 7.62mm pitch



PCN-1H20

Small size terminal with 7mm pitch



PCN7-1H20

Spring lock type



PCV5-1H20

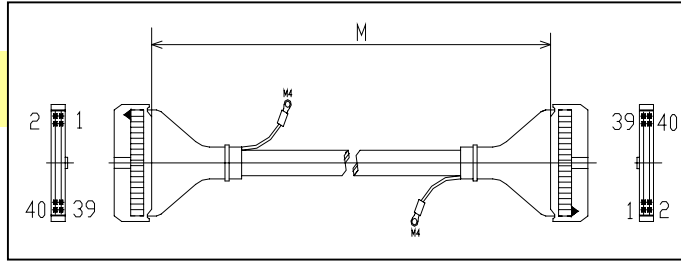
SYSMAC CPM2C SERIES (CPU UNIT)				TOYOGIKEN PRODUCTS	
I/O MODULE	I/O	POINTS	MOUNTING CONNECTER	CABLE	INTERFACE
CPM2C-10CDTM-D	IN/OUT	6/4	MIL CONNECTOR/20Ps×2	KBS-1H20#M	PCN-1H20 PCN7-1H20 PCV5-1H20
CPM2C-10C1DTM-D	IN/OUT	6/4	MIL CONNECTOR/20Ps×2		
CPM2C-10CDT1M-D	IN/OUT	6/4	MIL CONNECTOR/20Ps×2		
CPM2C-10C1DT1M-D	IN/OUT	6/4	MIL CONNECTOR/20Ps×2		
CPM2C-20CDTM-D	IN/OUT	12/4	MIL CONNECTOR/20Ps×2		
CPM2C-20C1DTM-D	IN/OUT	12/4	MIL CONNECTOR/20Ps×2		
CPM2C-20CDT1M-D	IN/OUT	12/4	MIL CONNECTOR/20Ps×2		
CPM2C-20C1DT1M-D	IN/OUT	12/4	MIL CONNECTOR/20Ps×2		
CPM2C-32CDTM-D	IN/OUT	16/16	MIL CONNECTOR/20Ps×2		
CPM2C-32CDT1M-D	IN/OUT	16/16	MIL CONNECTOR/20Ps×2		

SYSMAC CPM2C SERIES (I/O UNIT)				TOYOGIKEN PRODUCTS	
I/O MODULE	I/O	POINTS	MOUNTING CONNECTER	CABLE	INTERFACE
CPM2C-24EDTM	IN/OUT	16/8	MIL CONNECTOR/20Ps×2	KBS-1H20#M	PCN-1H20 PCN7-1H20 PCV5-1H20
CPM2C-24EDT1M	IN/OUT	16/8	MIL CONNECTOR/20Ps×2		
CPM2C-32EDTM	IN/OUT	16/16	MIL CONNECTOR/20Ps×2		
CPM2C-32EDT1M	IN/OUT	16/16	MIL CONNECTOR/20Ps×2		
CPM2C-8EDM	IN	8	MIL CONNECTOR/20Ps		
CPM2C-16EDM	IN	16	MIL CONNECTOR/20Ps		
CPM2C-8ETM	OUT	8	MIL CONNECTOR/20Ps		
CPM2C-8ET1M	OUT	8	MIL CONNECTOR/20Ps		
CPM2C-16ETM	OUT	16	MIL CONNECTOR/20Ps		
CPM2C-16ET1M	OUT	16	MIL CONNECTOR/20Ps		

SYSMAC CJ SERIES (I/O UNIT)				TOYOGIKEN PRODUCTS	
I/O MODULE	I/O	POINTS	MOUNTING CONNECTER	CABLE	INTERFACE
CJ1W-MD232	IN/OUT	16/16	MIL CONNECTOR/20Ps×2	KBS-1H20#M	PCN-1H20 PCN7-1H20 PCV5-1H20
CJ1W-MD233	IN/OUT	16/16	MIL CONNECTOR/20Ps×2		

Cable : KBS-1H40-#M

OMRON PLC Module
MIL CONNECTOR/40Ps

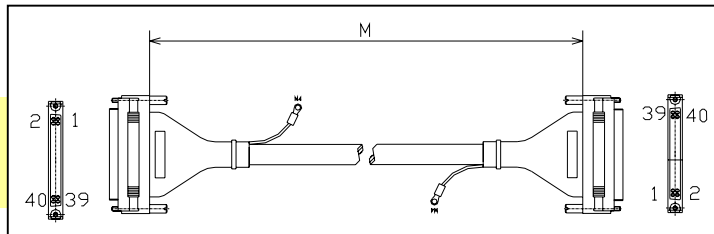


TOGI Interface
PCN-1H40
PCN7-1H40
PCV5-1H402
MIL CONNECTOR/40Ps

SYSMAC CJ SERIES (I/O UNIT)				TOYOGIKEN PRODUCTS	
I/O MODULE	I/O	POINTS	MOUNTING CONNECTER	CABLE	INTERFACE
CJ1W-ID232	IN	32	MIL CONNECTOR/40Ps	KBS-1H40-#M	PCN-1H40 PCN7-1H40 PCV5-1H402
CJ1W-ID262	IN	32	MIL CONNECTOR/40Ps × 2		
CJ1W-OD233	OUT	32	MIL CONNECTOR/40Ps		
CJ1W-OD263	OUT	32	MIL CONNECTOR/40Ps × 2		
CJ1W-OD232	OUT	32	MIL CONNECTOR/40Ps		
CJ1W-MD233	IN/OUT	32	MIL CONNECTOR/40Ps × 2		
CJ1W-MD263	IN/OUT	32	MIL CONNECTOR/40Ps × 2		
CJ1W-MD563	IN/OUT	32	MIL CONNECTOR/40Ps × 2		

TOGI Cable : F 7J40-28SV-#M

OMRON PLC module
FCN36 CONNECTOR/40Ps



TOGI Interface
PCN-4F40
PCN7-4F40
PCV5-4F402
FCN36 CONNECTOR/40Ps

Normal terminal size with 7.62mm pitch



PCN-4F40

Small size terminal with 7mm pitch



PCN7-4F40

Spring lock type



PCV5-4F402

SYSMAC C200H / CS1 SERIES				TOYOGIKEN PRODUCTS	
I/O MODULE	I/O	POINTS	MOUNTING CONNECTER	CABLE	INTERFACE
C200H-MD561	IN/OUT	32/32	FCN36 CONNECTOR/40Ps×2	F 7J40-28SV-#M	PCN-4F40 PCN7-4F40 PCV5-4F402
C200H-MD261	IN/OUT	32/32	FCN36 CONNECTOR/40Ps×2		
C200H-MD262	IN/OUT	32/32	FCN36 CONNECTOR/40Ps×2		
C200H-ID216	IN	32	FCN36 CONNECTOR/40Ps		
C200H-ID217	IN	64	FCN36 CONNECTOR/40Ps×2		
C200H-ID218	IN	32	FCN36 CONNECTOR/40Ps		
C200H-ID219	IN	64	FCN36 CONNECTOR/40Ps×2		
C200H-ID111	IN	64	FCN36 CONNECTOR/40Ps×2		
CS1W-ID231	IN	32	FCN36 CONNECTOR/ 40Ps		
CS1W-ID261	IN	64	FCN36 CONNECTOR/ 40Ps×2		
C200H-OD218	OUT	32	FCN36 CONNECTOR/40Ps		
C200H-OD21B	OUT	32	FCN36 CONNECTOR/40Ps		
C200H-OD219	OUT	64	FCN36 CONNECTOR/40Ps×2		
CS1W-OD231	OUT	32	FCN36 CONNECTOR/40Ps		
CS1W-OD232	OUT	32	FCN36 CONNECTOR/40Ps		
CS1W-OD261	OUT	64	FCN36 CONNECTOR/40Ps×2		
CS1W-OD262	OUT	64	FCN36 CONNECTOR/40Ps×2		
CS1W-OD219	OUT	64	FCN36 CONNECTOR/40Ps×2		

SYSMAC C500H SERIES				TOYOGIKEN PRODUCTS	
I/O MODULE	I/O	POINTS	MOUNTING CONNECTER	CABLE	INTERFACE
C500H-ID114	IN	64	FCN36 CONNECTOR/40Ps×2	F 7J40-28SV-#M	PCN-4F40 PCN7-4F40 PCV5-4F402
C500H-ID219	IN	64	FCN36 CONNECTOR/40Ps×2		
C500H-OD213	OUT	64	FCN36 CONNECTOR/40Ps×2		

SYSMAC CQM1H SERIES				TOYOGIKEN PRODUCTS	
I/O MODULE	I/O	POINTS	MOUNTING CONNECTER	CABLE	INTERFACE
CQM1-ID112	IN	32	FCN36 CONNECTOR/40Ps	F 7J40-28SV-#M	PCN-4F40 PCN7-4F40 PCV5-4F402
CQM1-ID113	IN	32	FCN36 CONNECTOR/40Ps		
CQM1-ID114	IN	32	FCN36 CONNECTOR/40Ps		
CQM1-OD213	OUT	32	FCN36 CONNECTOR/40Ps		
CQM1-OD216	OUT	32	FCN36 CONNECTOR/40Ps		

SYSMAC CJ SERIES (I/O UNIT)				TOYOGIKEN PRODUCTS	
I/O MODULE	I/O	POINTS	MOUNTING CONNECTER	CABLE	INTERFACE
CJ1W-ID231	IN	32	FCN36 CONNECTOR/40Ps	F 7J40-28SV-#M	PCN-4F40 PCN7-4F40 PCV5-4F402
CJ1W-ID261	IN	32	FCN36 CONNECTOR/40Ps		
CJ1W-OD231	OUT	32	FCN36 CONNECTOR/40Ps		
CJ1W-OD261	OUT	32	FCN36 CONNECTOR/40Ps ×2		
CJ1W-MD231	IN/OUT	32	FCN36 CONNECTOR/40Ps ×2		
CJ1W-MD261	IN/OUT	32	FCN36 CONNECTOR/40Ps ×2		

Cable Specification

AWG28 / Twist pair / with shield line : maker OKI

: Cable length

0.5 : 0.5m	2 : 2.0m
1 : 1.0m	3 : 3.0m
1.5 : 1.5m	5 : 5.0m