

▼ Keyence KV / KZ Series Supported Cable Pin Assignment Figure

KV-ML16V	
GP□-K24Y/GP□-K24T	
(Custom No.) X-PLC0302	
Input / Output Connector	
▲ Mark	
Signal Name	Signal Name
INPUT0 1 11	INPUT4 2 12
INPUT1 2 12	INPUT5 3 13
INPUT2 3 13	INPUT6 4 14
INPUT3 4 14	INPUT7 5 15
OUTPUT1 6 16	OUTPUT4 7 17
OUTPUT2 7 17	OUTPUT5 8 18
OUTPUT3 8 18	OUTPUT6 9 19
FSTOP 9 19	-COM 10 20
+COM 10 20	-COM

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KV-MC40V			
GP□-K54Y/GP□-K54T		GP□-K55Y/GP□-K55T	
(Custom No.) X-PLC0304		(Custom No.) X-PLC0305	
Axis 1 / 2 Connector		Axis 3 / 4 Connector	
▲ Mark		▲ Mark	
Signal Name	Signal Name	Signal Name	Signal Name
1LSF 1 21	2LSF 2 22	3LSF 1 21	4LSF 2 22
1LSR 2 22	2LSR 3 23	3LSR 2 22	4LSR 3 23
1ORG 3 23	2ORG 4 24	3ORG 3 23	4ORG 4 24
1STOP 4 24	2STOP 5 25	3STOP 4 24	4STOP 5 25
1ZEROST 5 25	2ZEROST 6 26	3ZEROST 5 25	4ZEROST 6 26
1Z+ 6 26	2Z+ 7 27	3Z+ 6 26	4Z+ 7 27
1Z- 7 27	2Z- 8 28	3Z- 7 27	4Z- 8 28
1SVEND 8 28	2SVEND 9 29	3SVEND 8 28	4SVEND 9 29
1SVRDY 9 29	2SVRDY 10 30	3SVRDY 9 29	4SVRDY 10 30
1ALM 10 30	2ALM 11 31	3ALM 10 30	4ALM 11 31
1ALMRES 11 31	2ALMRES 12 32	3ALMRES 11 31	4ALMRES 12 32
1SVON 12 32	2SVON 13 33	3SVON 12 32	4SVON 13 33
1CLR 13 33	2CLR 14 34	3CLR 13 33	4CLR 14 34
1FP+ 14 34	2FP+ 15 35	3FP+ 14 34	4FP+ 15 35
1FP- 15 35	2FP- 16 36	3FP- 15 35	4FP- 16 36
1RP+ 16 36	2RP+ 17 37	3RP+ 16 36	4RP+ 17 37
1RP- 17 37	2RP- 18 38	3RP- 17 37	4RP- 18 38
1FSTOP 18 38	2FSTOP 19 39	3FSTOP 18 38	4FSTOP 19 39
+5V_OUT 19 39	-COM 20 40	+5V_OUT 19 39	-COM 20 40
+COM 20 40	-COM	+COM 20 40	-COM

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KV-MC20V	
GP□-K53Y/GP□-K53T	
(Custom No.) X-PLC0303	
Axis 1 / 2 Connector	
▲ Mark	
Signal Name	Signal Name
1LSF 1 21	2LSF 2 22
1LSR 2 22	2LSR 3 23
1ORG 3 23	2ORG 4 24
1STOP 4 24	2STOP 5 25
1ZEROST 5 25	2ZEROST 6 26
1Z+ 6 26	2Z+ 7 27
1Z- 7 27	2Z- 8 28
1SVEND 8 28	2SVEND 9 29
1SVRDY 9 29	2SVRDY 10 30
1ALM 10 30	2ALM 11 31
1ALMRES 11 31	2ALMRES 12 32
1SVON 12 32	2SVON 13 33
1CLR 13 33	2CLR 14 34
1FP+ 14 34	2FP+ 15 35
1FP- 15 35	2FP- 16 36
1RP+ 16 36	2RP+ 17 37
1RP- 17 37	2RP- 18 38
1FSTOP 18 38	2FSTOP 19 39
+5V_OUT 19 39	-COM 20 40
+COM 20 40	-COM

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KV-MX1	
GP□-K56Y/GP□-K56T	
(Custom No.) X-PLC0306	
Input Connector	
▲ Mark	
Signal Name	Signal Name
1A+ 1 21	2A+ 2 22
1A- 2 22	2A- 3 23
1B+ 3 23	2B+ 4 24
1B- 4 24	2B- 5 25
1Z+ 5 25	2Z+ 6 26
1Z- 6 26	2Z- 7 27
2A+ 7 27	3A+ 8 28
2A- 8 28	3A- 9 29
2B+ 9 29	3B+ 10 30
2B- 10 30	3B- 11 31
2Z+ 11 31	3Z+ 12 32
2Z- 12 32	3Z- 13 33
INPUT0 13 33	INPUT6 14 34
INPUT1 14 34	INPUT7 15 35
INPUT2 15 35	INPUT8 16 36
INPUT3 16 36	INPUT9 17 37
INPUT4 17 37	INPUT10 18 38
INPUT5 18 38	INPUT11 19 39
+5V_OUT 19 39	-COM 20 40
+COM 20 40	-COM

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KV-MX1	
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(Custom No.) X-PLC0307	
Output Connector	
▲ Mark	
Signal Name	Signal Name
OUTPUT0 1 8	OUTPUT6 2 9
OUTPUT1 2 9	OUTPUT7 3 10
OUTPUT2 3 10	OUTPUT8 4 11
OUTPUT3 4 11	OUTPUT9 5 12
OUTPUT4 5 12	OUTPUT10 6 13
OUTPUT5 6 13	OUTPUT11 7 14
+5V_OUT 7 14	-COM

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Selection Method of Connector Included Cable

Square Connector Included Cable

Coaxial Connector Included Cable

Round Connector Included Cable

Nylon Connector Included Cable

Custom Service

Connector Included Cable Documents