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Options

40 × 40 mm

60 × 60 mm

80 × 80 mm

85 × 85 mm

100 × 100 mm

120 × 120 mm

Others



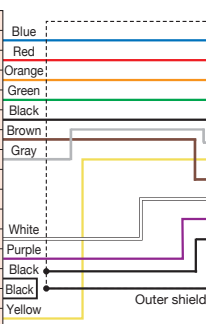
Cables for connecting motorized stages to controllers or drivers.

- Refer to compatible controllers/drivers and cables described on the page of each motorized stage.

D15RP-CA Cable

Controller side (15 pins)
D-sub15pin
(Male Type)

| Pin Number | |
|------------|-------------------------|
| 1 | Motor lead |
| 2 | Motor lead |
| 3 | Motor lead |
| 4 | Motor lead |
| 5 | Motor lead |
| 6 | GND |
| 7 | Origin sensor |
| 8 | +VS |
| 9 | N.C. |
| 10 | N.C. |
| 11 | Limit sensor (+) |
| 12 | Limit sensor (-) |
| 13 | GND |
| 14 | Origin proximity sensor |
| 15 | +VS |



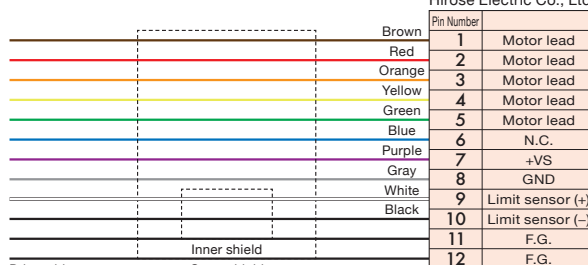
Stage side (12 pins)
RP17-13PA-12PC
(Male Type)
Hirose Electric Co., Ltd.

| Pin Number | |
|------------|------------------|
| 1 | Motor lead |
| 2 | Motor lead |
| 3 | Motor lead |
| 4 | Motor lead |
| 5 | Motor lead |
| 6 | Origin sensor |
| 7 | +VS |
| 8 | GND |
| 9 | Limit sensor (+) |
| 10 | Limit sensor (-) |
| 11 | F.G. |
| 12 | F.G. |

(Reference) Rough guide of the minimum bending radius is 40mm.

MINI-CA-SG Cable

Stage side (12 pins)
RP17-13PA-12PC
(Male Type)
Hirose Electric Co., Ltd.



Driver side terminal is not processed (Reference) Rough guide of the minimum bending radius is 40mm.

D15D15A-CA Cable

Controller side (15 pins)
17JE-23150-02(D1)
Hood: 17JE-15H-1A4-CF
(Male Type) DDK Ltd.

| Pin Number | |
|------------|-------------------------|
| 1 | Motor lead |
| 2 | Motor lead |
| 3 | Motor lead |
| 4 | Motor lead |
| 5 | Motor lead |
| 6 | GND |
| 7 | Origin sensor |
| 8 | +VS |
| 9 | Autoconfig |
| 10 | Reserve |
| 11 | Limit sensor (+) |
| 12 | Limit sensor (-) |
| 13 | GND |
| 14 | Origin proximity sensor |
| 15 | N.C. |



Stage side (15 pins)
17JE-13150-02(D1)A
Hood: 17JE-15H-1A4-CF
(Female Type) DDK Ltd.

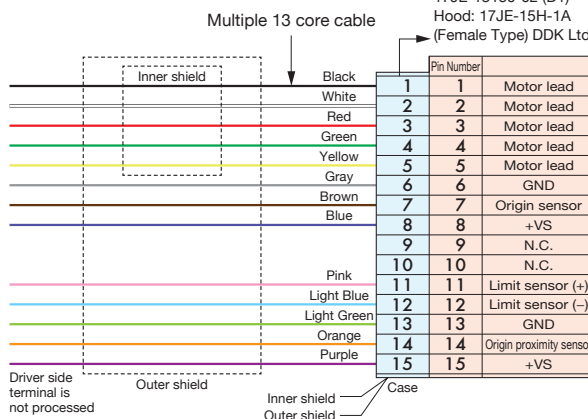
| Pin Number | |
|------------|-------------------------|
| 1 | Motor lead |
| 2 | Motor lead |
| 3 | Motor lead |
| 4 | Motor lead |
| 5 | Motor lead |
| 6 | GND |
| 7 | Origin sensor |
| 8 | +VS |
| 9 | Autoconfig |
| 10 | Reserve |
| 11 | Limit sensor (+) |
| 12 | Limit sensor (-) |
| 13 | GND |
| 14 | Origin proximity sensor |
| 15 | N.C. |

For the color of the cable wiring, it is marked with an insulating color, dot color and number of dots.

(Reference) Rough guide of the minimum bending radius is 60mm.

DAC-SG Cable

Stage side (15 pins)
17JE-13150-02 (D1)
Hood: 17JE-15H-1A
(Female Type) DDK Ltd.



Driver side terminal is not processed (Reference) Rough guide of the minimum bending radius is 60mm.

Specifications

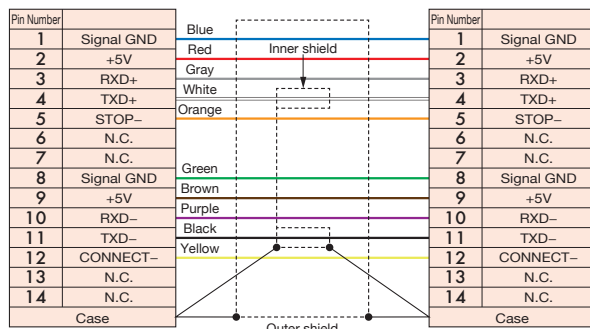
| Part Number | Controller Side | Stage Side | Cable Length [m] |
|--------------|-------------------------|--------------------------|------------------|
| D15RP-CA-2 | D-sub 15pin / male type | RP17-13PA-12PC / 12pin | 2 |
| D15RP-CA-3 | D-sub 15pin / male type | RP17-13PA-12PC / 12pin | 3 |
| D15RP-CA-5 | D-sub 15pin / male type | RP17-13PA-12PC / 12pin | 5 |
| MINI-CA-SG-1 | Unprocessed | RP17-13PA-12PC / 12pin | 1 |
| MINI-CA-SG-2 | Unprocessed | RP17-13PA-12PC / 12pin | 2 |
| MINI-CA-SG-3 | Unprocessed | RP17-13PA-12PC / 12pin | 3 |
| MINI-CA-SG-4 | Unprocessed | RP17-13PA-12PC / 12pin | 4 |
| MINI-CA-SG-5 | Unprocessed | RP17-13PA-12PC / 12pin | 5 |
| D15D15A-CA-2 | 17JE-23150 / male type | 17JE-13150 / female type | 2 |
| D15D15A-CA-3 | 17JE-23150 / male type | 17JE-13150 / female type | 3 |
| D15D15A-CA-5 | 17JE-23150 / male type | 17JE-13150 / female type | 5 |
| DAC-SG-2 | Unprocessed | 17JE-13150 / female type | 2 |
| DAC-SG-3 | Unprocessed | 17JE-13150 / female type | 3 |
| DAC-SG-4 | Unprocessed | 17JE-13150 / female type | 4 |
| DAC-SG-5 | Unprocessed | 17JE-13150 / female type | 5 |

Cables for encoders to controllers and controllers to computers.

MDR14-CA-2.5 Cable

Controller side (14 pins)
Connector: 10114-3000PE
Shell: 10314-52F0-008
Sumitomo 3M Limited

Stage side (14 pins)
Connector: 10114-3000PE
Shell: 10314-52F0-008
Sumitomo 3M Limited



- The MDR14-CA-2.5 cable is for connecting between SHOT-302GS/ 304GS/SHOT-702 and JS-300/JB-400.

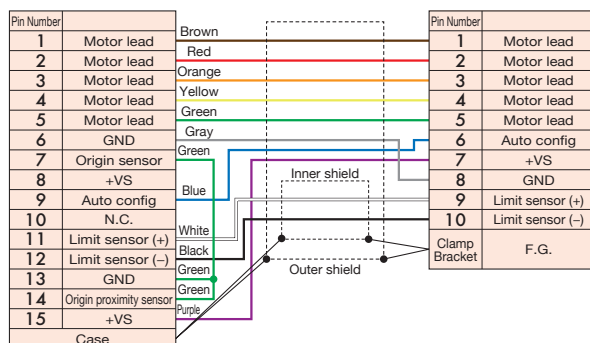
Specifications

| Part Number | Controller Side | JS/JD side | Cable Length [m] |
|--------------|-----------------|--------------|------------------|
| MDR14-CA-2.5 | 10114-3000PE | 10114-3000PE | 2.5 |

DHR-CA-3 Cable

Controller side (15 pins)
Connector: 17JE-23150-02(D1)
Hood: 17JE-15H-1A-CF
(Male Type) DDK Ltd.

Stage side (10 pins)
HR10A-10P-10PC(73)
(Male Type)
Hirose Electric Co., Ltd.



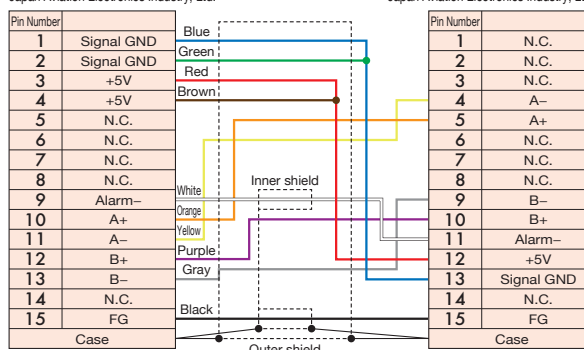
Specifications

| Part Number | Controller Side | Stage Side | Cable Length [m] |
|-------------|---------------------------|--------------------|------------------|
| DHR-CA-3 | 17JE-23150-02 (Male Type) | HR10A-10P-10PC(73) | 3 |

GSEF-CA-3 Cable

Controller side (15 pins)
Connector: D02-M15SG-N-F1
Hood: DE-C8-J9-F1-1R
(Male Type)
Japan Aviation Electronics Industry, Ltd.

Stage side (15 pins)
Connector: D02-M15SG-N-F0
Hood: DE-C8-J9-F1-1R
(Female Type)
Japan Aviation Electronics Industry, Ltd.



Specifications

| Part Number | Controller Side | Stage Side | Cable Length [m] |
|-------------|-----------------|------------------------------------|------------------|
| GSEF-CA-3 | D02-M15PG-N-F0 | D02-M15SG-N-F0 (with ferrite core) | 3 |

Other Cables

RS232C Cable



Sigma Koki controller (D-sub 9pin male type)

DOS/V PC (D-sub 9pin female type)

| | |
|---|---|
| 1 | 1 |
| 2 | 2 |
| 3 | 3 |
| 4 | 4 |
| 5 | 5 |
| 6 | 6 |
| 7 | 7 |
| 8 | 8 |
| 9 | 9 |

Specifications

| Part Number | Cable Length [m] |
|----------------|------------------|
| RS232C/STR-1.8 | 1.8 |
| RS232C/STR-3 | 3 |
| RS232C/STR-4.5 | 4.5 |

GP-IB Cable



Specifications

| Part Number | Cable Length [m] |
|-------------|------------------|
| GP-IB-0.5 | 0.5 |
| GP-IB-1 | 1 |
| GP-IB-2 | 2 |
| GP-IB-3 | 3 |
| GP-IB-4 | 4 |

USB Cable



USB A connector male type

2m Fully connected straight cable

USB B connector male type

Specifications

| Part Number | Cable Length [m] |
|-------------|------------------|
| USB-1 | 1 |
| USB-2 | 2 |