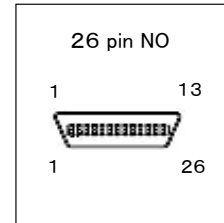
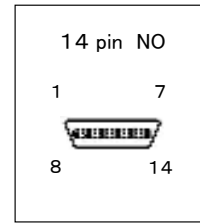
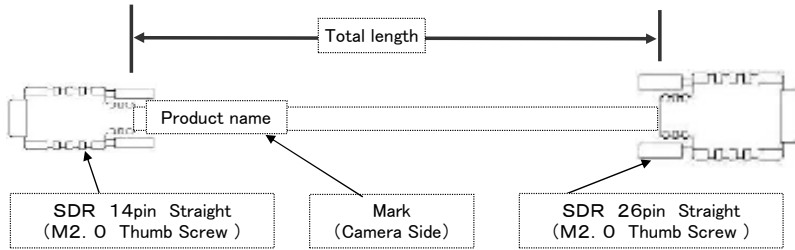




# SIODIC I/F

## 『Differential-Transmission』

# PoCL-Lite



| I / F Product name   |                       |                |                                      |              |                                      |                                  |                  |
|--|-----------------------|----------------|--------------------------------------|--------------|--------------------------------------|----------------------------------|------------------|
| N  | □                     | △              | △△△△△                                | ▲            | ▲▲▲▲▲                                | ◇◇                               | ■ ■              |
| NISSEI Manufacturing   | Transmission standard | Wiring diagram | Connector                            | Wiring Chart | Connector                            | Cable                            | Total length (m) |
|  | L                     | C              | Please select from a connector list. | F            | Please select from a connector list. | Please select from a cable list. | 1 m ~ 10 m       |
|  |                       |                |                                      |              |                                      |                                  |                  |
| ※Example Product name      N L C 1 4 S S F 2 6 S S L K S 2 m |                       |                |                                      |              |                                      |                                  |                  |

| Transmission standard |                    | Connector                            |  |
|-----------------------|--------------------|--------------------------------------|--|
| L                     | P o C L - L i t e  | 1 4 S S                              | 1 4 pin SDR (HDR) Straight (Thumb Screw)                       |
|                       |                    | 2 6 S S                              | 2 6 pin SDR (HDR) Straight (Thumb Screw)                       |
|                       |                    | 2 6 H S S                            | 2 6 pin SDR (HDR) Straight (Thumb Screw)    [ hand turn type ] |
| Wiring Chart          |                    | 2 6 M S                              | 2 6 pin MDR Straight (Thumb Screw)                             |
| C                     | Camera Side        | ※MDR⇒1.27mm pitch    SDR⇒0.8mm pitch |  |
| F                     | Frame Grabber Side |                                      |  |

| Cable           |                       |                |                             |                               |                                       | Wiring Chart        |                     |                            |                            |         |                     |
|-----------------|-----------------------|----------------|-----------------------------|-------------------------------|---------------------------------------|---------------------|---------------------|----------------------------|----------------------------|---------|---------------------|
| Product name    | Application           | Diameter Color | Transmission characteristic | Standard                      | oil-resistant characteristic          | Camera Side (14pin) | Camera Side (26pin) | Frame Grabber Side (14pin) | Frame Grabber Side (26pin) | cable   | Channel Link Signal |
| L K             | Robot                 | 6.2φ Black     | 100±10Ω<br>50ps/m           | UL20379 80°C<br>30V VW-1 RoHS | JIS K 6723<br>(Resistance to oil PVC) | 1                   | 1                   | 1                          | 1                          | ④White  | Power               |
| L K S           | Robot Small-gage      | 5.7φ Black     |                             |                               |                                       | 8                   | 14                  | 8                          | 14                         | ①Drain  | inner shield        |
| L L G           | High Robot Large-gage | 6.8φ Black     |                             |                               |                                       | 3                   | 2                   | 12                         | 25                         | ①Black  | X0-                 |
| L G             | High Robot            | 6.2φ Black     |                             |                               |                                       | 10                  | 15                  | 5                          | 12                         | ①Red    | X0+                 |
| L S G           | High Robot Small-gage | 5.6φ Black     |                             |                               |                                       | 4                   | 4                   | 11                         | 23                         | ③Black  | X2-                 |
| Cable Structure |                       |                |                             |                               |                                       | 11                  | 17                  | 4                          | 10                         | ③Yellow | X2+                 |
|                 |                       |                |                             |                               |                                       | 5                   | 5                   | 10                         | 22                         | ⑤Black  | Xclk-               |
|                 |                       |                |                             |                               |                                       | 12                  | 18                  | 3                          | 9                          | ⑤Blue   | Xclk+               |
|                 |                       |                |                             |                               |                                       | 2                   | 7                   | 9                          | 20                         | ②White  | SerTC+              |
|                 |                       |                |                             |                               |                                       | 9                   | 20                  | 2                          | 7                          | ②Red    | SerTC-              |
|                 |                       |                |                             |                               |                                       | 6                   | 9                   | 13                         | 18                         | ⑥White  | CC1-                |
|                 |                       |                |                             |                               |                                       | 13                  | 22                  | 6                          | 5                          | ⑥Green  | CC1+                |
|                 |                       |                |                             |                               |                                       | 7                   | 13                  | 7                          | 13                         | ③⑤Drain | inner shield        |
| 14              | 26                    | 14             | 26                          | ④Blue                         | Power                                 |                     |                     |                            |                            |         |                     |