

Connection table of Scales and Displays

Discontinued products

Direct Connection

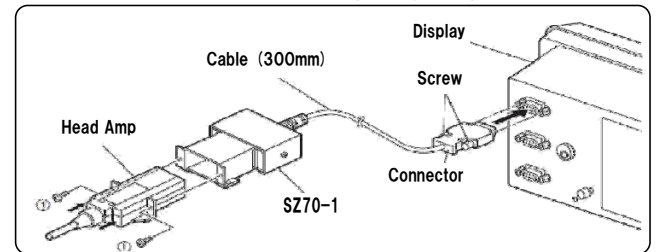
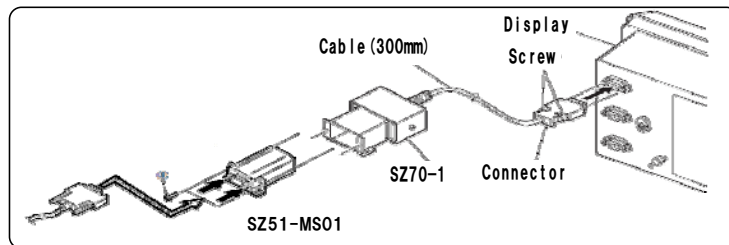
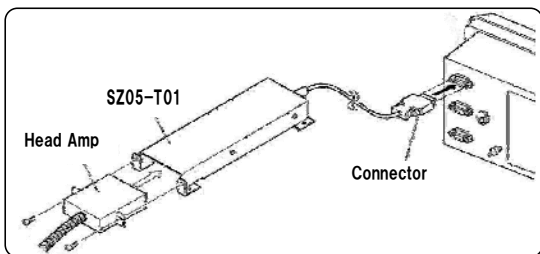
| Displays Scales | | | | LF100/10, LF110/120/20, LM10, LA10, LH10, LU10, NA30/31, LH20, LH11/12 | LH30 | LH31A/32, LH41/42 | LH51/52/54, LH61, LG10, LY51/52 | LH70/71/72, LY71/72, LG20 | | | | |
|--------------------|----------------|---|--|--|--|-------------------|---------------------------------|--|-------------------|--|-----------------------------|--|
| Series | Model | Model of Cable or Head-Cable | Connector or Head-Amp type at display side | INCREMENTAL | REF.POINT FUNCTION | INCREMENTAL | INCREMENTAL | REF.POINT FUNCTION | INCREMENTAL | REF.POINT FUNCTION | INCREMENTAL | REF.POINT FUNCTION |
| GP | SR1711 | HK-**C | HA13,15,23,25 | Direct Connection | Scales with built-in ref. point only: SR1711R, SR801R, SR50-R | N/A | SZ05 | Scales with built-in ref. point only: SR1711R, SR801R, SR50-R | SZ05 | Scales with built-in ref. point only: SR1711R, SR801R, SR50-R | SZ05-T01 | Scales with built-in ref. point and single direction use: Approach speed should be same and low speed (0.75m/min 2.5feet/min). SR1711R, SR801R, SR50-R |
| GP-R | SR1711R | HK-**CR | | | | | | | | | | |
| GL | SR801 | HK-1**C | | | | | | | | | | |
| GL-R | SR801R | HK-2**C | | | | | | | | | | |
| | MSS-101 | HK-1**C | | | | | | | | | | |
| GS | SR10, SR741 | HK-4**C | | | | | | | | | | |
| GF | SR50 | HK-4**C | | | | | | | | | | |
| GF-R | SR50-R | HK6-**CR | | | | | | | | | | |
| GM | SR30 | HK-4**C | | | | | | | | | | |
| | SR801, MSS-101 | MK-6** MK-7**C | D-SUB 15P | N/A | N/A | N/A | N/A | N/A | N/A | N/A | MD20B | *2: Single direction PH100 |
| | SR801, MSS-101 | CE07-**C | HA31 | SZ04 | SZ04-R PH500 | N/A | Direct Connection | Both directions SZ10 PH500 | SZ51-MS01 | *1: Single direction SZ10 PH500 | SZ70-1 SZ51-MS01 | N/A |
| | SR118 | CE05-**C CH02-** (without armor) | DIN 10P | N/A | N/A | N/A | N/A | N/A | N/A | N/A | SZ70-1 DZ51 | N/A |
| GB | SR108, SR107 | Integrated cable (3m) CE04-** (extension cable) | HA31 | SZ04 | SZ04-R PH500 | N/A | Direct Connection | Both directions SZ10 PH500 | SZ51-MS01 | *1: Single direction SZ10 PH500 | SZ70-1 SZ51-MS01 | N/A |
| GB-A | SR128 | CH01-**C CE10-**C (extension cable) | MS_UNIT | N/A | N/A | N/A | N/A | N/A | Direct Connection | N/A | SZ70-1 | N/A |
| | SR128, SR127 | CH01-LW**C CE10-**C (extension cable) | HA31 | SZ04 | SZ04-R PH500 | N/A | Direct Connection | Both directions SZ10 PH500 | SZ51-MS01 | *1: Single direction SZ10 PH500 | SZ70-1 SZ51-MS01 | N/A |
| GB-ER | SR138R | CH04-03C CE10-**C (extension cable) | D-SUB 9P | N/A | N/A | N/A | N/A | N/A | N/A | AVAILABLE with built-in ref. point | Direct Connection | |
| | SJ300 | CH33-**CPD/-**CED | D-SUB 9P | N/A | N/A | N/A | N/A | N/A | N/A | N/A | Direct Connection | N/A |
| | SJ700 | Integrated cable | SJ_UNIT | N/A | N/A | N/A | N/A | N/A | Direct Connection | N/A | SZ70-1 | N/A |
| | SJ700A | Integrated cable | D-SUB 9P | N/A | N/A | N/A | N/A | N/A | N/A | N/A | Direct Connection | N/A |
| SET-A02 GA | SL410 | PL40 | D-SUB 9P | N/A | N/A | Direct Connection | N/A | N/A | N/A | N/A | N/A | N/A |
| | SL110, SL130 | PL20 PL20A PL20B PL20C | HA2 D-SUB 9P DR_UNIT D-SUB 9P | Direct Connection | N/A | N/A | SZ09 | N/A | SZ09 | N/A | SZ70-1 SZ51-DR01 SZ09 | N/A |
| | | | | SZ06 | N/A | N/A | Direct Connection | N/A | SZ51-DR01 | N/A | SZ70-1 SZ51-DR01 | N/A |
| | | | | N/A | N/A | N/A | N/A | N/A | Direct Connection | N/A | SZ70-1 | N/A |
| | | | | N/A | N/A | N/A | N/A | N/A | N/A | N/A | Direct Connection | N/A |

Connection examples

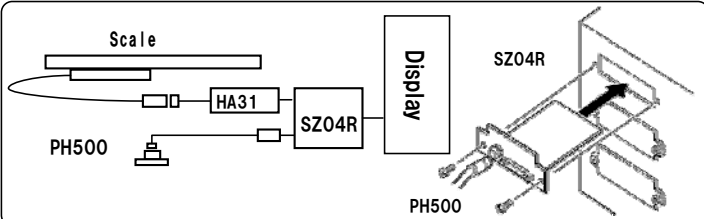
GP, GS, GF, GF-R, GM → SZ05-T01 → LH70/LH71/LH72/LG20

GB → SZ51-MS01 → SZ70-1 → LH70/LH71/LH72/LG20

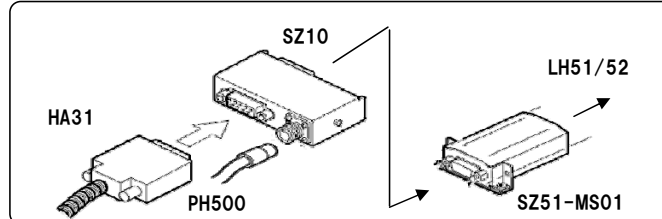
GB-A → SZ70-1 → LH70/LH71/LH72/LG20



Connection of head amp type input with external reference



In case of connect to counter model LH51/LH52 with HA31 and external reference sensor (PH500)



Note:
*1: Single direction (PH500)
Use for single direction due to possibility one λ shif from opposite direction approach.
*2: Single direction (PH100)
Use for single direction due to approx. 8mm shift.