

## Options Available for Load cell Cable

**Cable changes for Length and Bend-Resistant, and Connector type selections**  
**For Load Cells unable to cable change, cable extension is available**  
**Custom made options available to meet your measurement needs**

### - Load Cell Cable Changes (Available for DPU、eDPU、PN、eDPU、eHT only)

For the attached Load Cell Cable, changes can be made to the Cable length or to a Flexible Straight Cable upon request.

| Applicable Changes                      | Compatible Model     | Length *1 | Code *2 | Purpose of use   |
|---|----------------------|-----------|---------|--|
| Change Cable Length                     | DPU, eDPU<br>PN, ePN | 1 to 10m  | -( )m   | For proceeding with load measuring in hazardous or complicated locations, measurement values can be checked from a different location. |
| Change Cable Flexible Straight cable    | DPU, eDPU<br>PN, ePN | 1 to 10m  | -BR( )m | The Flexible Cable can reduce risks of disconnection.  |
| Change Cable Straight Type *3           | eHT                  | 1 to 10m  | -( )m   | For proceeding with load measuring in hazardous or complicated locations, measurement values can be checked from a different location. |
| Change Cable Flexible Straight cable *3 | eHT                  | 1 to 10m  | -BR( )m | The Flexible Cable can reduce risks of disconnection.  |

\*1 To maintain the signal quality, the Cable Length for the Load Cell and the Display Unit is limited. The length is selectable per meter. Finer length can be made upon request as custom order.

\*2 The Cable length required entered to ( \_\_ )m, the length must be in units of 1m only. (no decimal point).

\*3 Curly Cord will be removed and replaced with straight or straight Flexible cable.

### - Relay Cable for Extension

Relay Cables are available for the length extension for those Load Cells with Cable changes unable.

| Relay Cable Types                     | Compatible Models  | Length     | Code *1     | Description   |
|---------------------------------------|--|------------|-------------|---|
| Standard Relay Cable for extension    | All Models<br>exclusive of: DPU/PN/<br>eZ-Connect series | 1 to 9m *2 | LCEX-( )m   | For the Load measurements in the hazardous or intricate locations, possible to confirm results from the distance. |
| Flexible Relay Cable for extension *3 | All Models<br>exclusive of: DPU/PN/<br>eZ-Connect series | 1 to 9m *2 | LCEX-BR( )m | Reduces the risk of the Cable disconnecting from bending.   |

\*1 The Relay Cable length entered to ( \_\_ )m. The length must be in 1m units only. (no decimal point).

\*2 To maintain the signal quality, the total length of the Load Cell Cable, including the Relay Cable, must be less than 10m. Please contact us for details on the length customization to change the attached load cell cable to shorter than standard length.

\*3 Please Note: The Cables attached to the Load Cells are the Standard Cables, and will not be changed to the Flexible straight cables.



\* The Relay Cable connector type is 5-pin.

\* The Relay Cables cannot be connected to each other.

\* Calibration results may vary depending on the length of the cable, so it is recommended to use calibration at the time of initial installation.

### - Select Connector Shapes

When ordering a load cell only, the Connector Shapes can be selected from the following 3 Code types.

| Connector Shape   | Compatible Model   | Code | Connect to                         |
|---|--|------|------------------------------------|
| 5 pin  | All IMADA Load Cell Models exclusive of eZ-Connet series | -5P  | ZTS/A series, FA Plus2 series etc. |
| 6 pin  | All IMADA Load Cell Models exclusive of eZ-Connet series | -6P  | Some discontinued IMADA products   |
| Without Connector (Open End)  | All IMADA Load Cell Models exclusive of eZ-Connet series | -OC  | For installing in equipment        |

\* Connector shape is not selectable for Separated Sensor Models and eZ-Connect series load cells.

### [Selecting Model]

#### Load cell

-  N-(BR) ( )m -

[When ordering a load cell only (excluding eZ-Connect series)]  
Please select a connector shape and enter the corresponding Model Code. E.g.) -5P, -OC, etc

[Only for DPU/eDPU/PN/ePN/eHT]

For Cable Length Change,  
please enter the required length: ( )m (\*1). E.g.) -4m

For changing to the Flexible Straight Cable,  
please enter the required length: BR ( )m (\*1). E.g.) -BR7m

Please enter the Load Cell Model Number  
E.g.) DPU-50N, eHT-2N, etc.

#### Relay Cable

LCEX- (BR) ( )m

Please enter the required length of the relay cable: ( )m. E.g.) -4m, -7m  
For Flexible Relay Cable, add BR in front of ( )m. E.g.) -BR4m, -BR7m

#### [Model Code Examples]

E.g.) Change DPU-500N cable to 8m, and the Connector to the Open End Type → DPU-500N-8m-OC

E.g.) Change ZTS-DPU-200N cable to 5m Flexible Straight Cable → ZTS-DPU-200N-BR5m (\*1)

E.g.) CFX-50N and 4m Standard Relay Cable → CFX-50N-5P + LCEX-4m (\*2)

(Total cable length is 7m; 3m attached load cell cable + 4m standard relay cable)

E.g.) Change SCX-500N cable to 1m / Flexible Relay Cable to 7m (Total cable length 8m) → Please contact us.

\*1 When ordering a load cell for a Separated Sensor Model, the connector shape is 5 pin.

\*2 When using a relay cable for extension, select a 5-pin connector type for the load cell cable attached.

**[Cautions]**

- Information in this document is subject to change without prior notice.
- This document is product descriptions and handling precautions, and do not guarantee various characteristics or safety.
- This product is designed for force measurement purpose only.
- Do not copy and use this content without authorization.

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