

Usage of CONNECTsystem Flex

0. Products



Feeders for:
Board-to-Powersupply

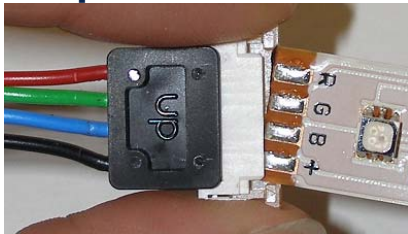
Connector for:
Board-to-board

The OSRAM Flex Connector accessories are dedicated feeders and connectors for all LINEARlight Flex modules, providing easy assembly without tools.

Rated maximum current is 2,1 A. Keep in mind for system setup.
These products are not rated for outdoor usage. A suitable protection against humidity must be provided.

LM-2PIN Flex	LM10P - LINEARlight POWER Flex LM10A - LINEARlight Flex LM11A - LINEARlight Flex Sideled
LM-4PIN Flex	LM10L - LINEARlight Colormix Flex
LM-CONN Flex	LM10P, LM11A, LM10A, LM10L

1. Preparation



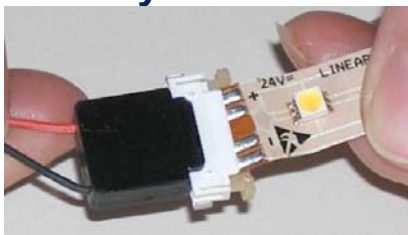
Always ensure that both module and connector are facing upwards!

The Marking "up" must be visible, as well as the side of the module with the LED



For an ideal connection, take care to cut the modules as marked with the white line in the picture.

2. Polarity

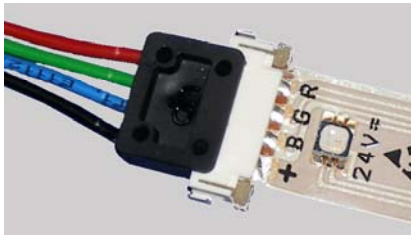


Observe the polarity of the modules and the wires

For the **Feeder LM-2PIN**:
the **red wire** must face the '+'
the **black wire** must face the '-'

Use the same polarity assignment when connecting to the Power supply / Controllgear

Application note - Usage of CONNECTsystem Flex



For the **Feeder LM-4PIN**:

the **red wire** must face the 'R'

the **green wire** must face the 'G'

the **blue wire** must face the 'B'

the **black wire** must face the '+'

Use the same polarity assignment when connecting to the Power supply / Controll gear



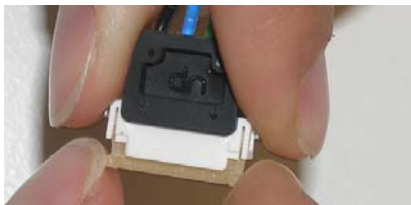
When connecting two modules with the connector

LM-CONN Flex:

Ensure that always the same polarities are linked to each other (see picture).

For a single colormodule '+' must face '+' and '-' to '-'

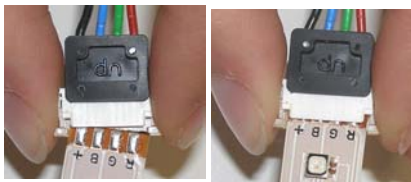
3. Connecting



The following steps are the same for feeders and the connector:

Slide out the beige locker to create an opening for the tape to slide in.

The end of the module which is supposed to be connected should be loose.



Gently push the tape into the slot above the locker. Hold the locker so it does not slide back by incident.

The maximum insertion depth of the module is 3,8 mm.



Slide the beige locker back into place to secure the module into the connector.

The connection is vibration and shatterproof according to IEC 60512.



Connect the module with the power supply, in attaching the wires of the feeder.

Observe polarity as described above.

(picture on the left showing an OT EASY60 and a LM10L)

4. Further information

www.osram.com/led-systems

Please see our webpage for further information:

- Datasheets, Brochures, Catalogues, Eulumdat Files