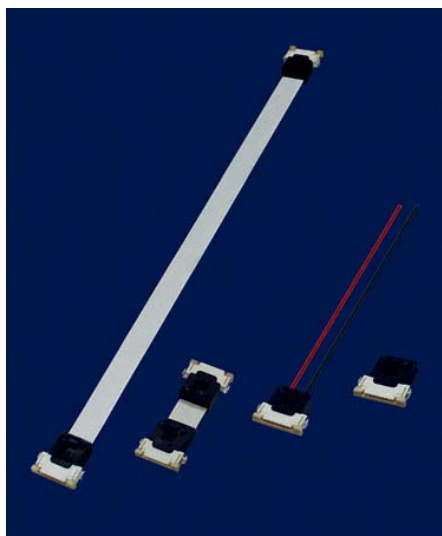


CONNECTsystem for LINEARlight Flex

LF-xx Flex



Benefits

- Universal feeder and connector for LINEARlight Flex modules with 8mm width
- Assembly without tools
- Reduced assembly time
- Highly shock resistant

Applications

- Connect system for LINEARlight Flex modules, LINEARlight POWER Flex, 8mm width

Technical Operating Data and Ordering Guide

Product	EAN *	S-Unit *	Max Voltage [V]	Max Current [A]	Diameter of Wire [mm ² / AWG]	Length of Wire [mm]
LF-2PIN Flex	4008321955326	100	25	3	0,14 / 24	500
LF-2TERM Flex	4008321955357	200		0,15	- / -	-
LF-CONN-10 Flex	4008321955333	200	25	3	0,057 / 30	10
LF-CONN-150 Flex	4008321955340	200	25	3	0,057 / 30	150

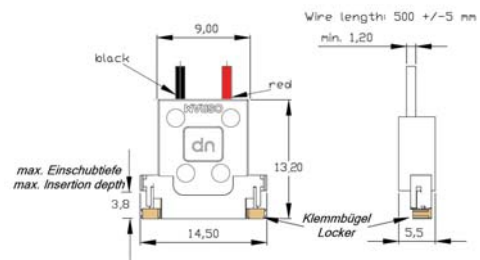
*) EAN: Bag containing 10 pieces
S-Unit: Modules per shipping unit

Technical Features

- Feeder LF-2PIN Flex for connection of all LINEARlight Flex width 8mm with the power supply
- Board to board connection of two Flex modules: LF-CONN-10 Flex for short gaps, LF-CONN-150 Flex for longer gaps
- Allowed operating temperature suited to all LINEARlight Flex products
- Additional cutting possibilities by using the termination LF-2TERM for all single colour LINEARlight Flex with 8mm width
- Connection possible at the reel end or at the cut points
- Locking System meets shock and vibration requirements according to IEC 60068-2-6/27
- Use only in indoor applications or in luminaires with IP67 rating
- Backside of LF-2TERM is self-adhesive

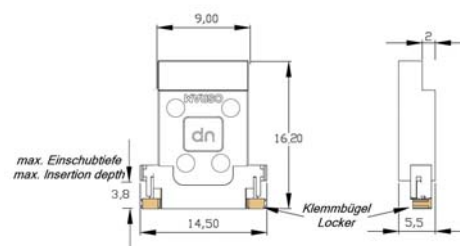
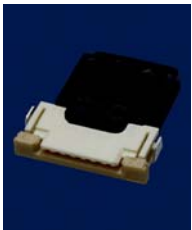
Drawings

LF-2PIN Flex



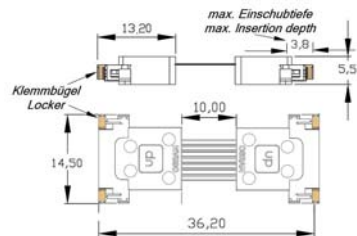
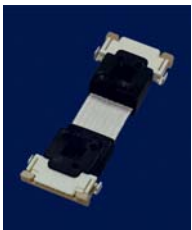
Housing PPS / Polyamide / black
Isolation of Wires PVC / black/red

LF-2TERM Flex



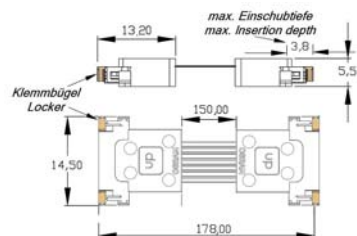
Housing PPS / Polyamide / black
Isolation of Wires

LF-CONN-10 Flex



Housing PPS / Polyamide / black
Isolation of Wires Aramid Paper / white

LF-CONN-150 Flex



Housing PPS / Polyamide / black
Isolation of Wires Aramid Paper / white

Safety Information

- All components of the CONNECTsystem Flex must be assembled to avoid any stress on the wires and/or board connectors. The installer must ensure that there is adequate strain relief between the board connection and the wiring.
- In order to maintain adequate electrical contact, please refrain from repeat removal, maximum of 5, of the CONNECTsystem Flex.
- Installation of LED modules (with power supplies) needs to be made with regard to all applicable electrical and safety standards. Only qualified personnel should be allowed to perform installations.
- The connector has no inverse polarity protection. There will be no electrical function if connector is not well positioned or if polarity is inverse. Several modules can be damaged (see the respective module data sheet).
- The maximum operation current on page 1 may not be exceeded.
- The CONNECTsystem Flex is designed for indoor application only. Any unprotected outdoor use is not allowed.
- A suitable enclosure IP67 is required if the system is to be exposed to humidity and /or dust. Condensation water in the IP67 enclosure is not allowed.
- Especially when used with Linearlight POWER Flex the LF-2TERM can overheat. The maximum temperature measured at the "Up"-label is 65°C. The LF-2TERM has to be adhered to a thermoconducting surface.

Assembly Information

- For electrical connection of the LINEARlight Flex modules open the locker by pulling and place the module in the slot. The "up" mark of the CONNECTsystem Flex must face towards front side of the LED module for an electrical connection between the solder pads and the CONNECTsystem Flex. The CONNECTsystem Flex is locked by pushing locking bar back.
- Pay attention to the correct polarity between feeder LF-2PIN Flex and LED module:
 - For the feeder LF-2PIN Flex connect the black cable to the '-' pole and the red cable to the '+' pole of the module
- Particular attention is required when using the connector for board to board connection: The '+' pole of the first module has to be connected to the '+' pole of the second module. In case of wrong polarity no light will be emitted and the modules can be damaged (see the respective module data sheet).
- The LF-2TERM can be used at any section cut point intended for it. These points are marked on the module.

Sales and Technical Support

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Sales and technical support is given by the local OSRAM subsidiaries.
On our world wide homepage all OSRAM subsidiaries are listed with complete address and phone numbers.

Related and Further Information

- The new dimension of light [153 S006 GB
www.osram.com/led-systems-downloads](http://www.osram.com/led-systems-downloads)
- OPTOTRONIC® Technical Guide [130 T008 GB
www.osram.com/ecg-downloads](http://www.osram.com/ecg-downloads)
- OPTOTRONIC® Data Sheets <http://catalog.myosram.com>
- OSRAM LED systems www.osram.com/led-systems
- New standards for LED control gear [130 W011 GB
www.osram.com/ecg-download](http://www.osram.com/ecg-download)
- Datasheets for LF05A, LF05E, LF06P [153 S006 GB
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