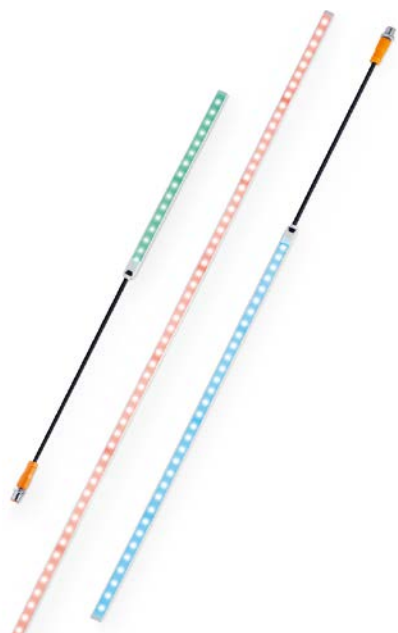




# Precise visualisation

LED strips with individually controllable RGB LEDs

- Flexible visualisation using any coloured segments on the LED strip
- For status display, user guidance, product tracking and much more
- Extremely robust, fully potted design with protection rating IP69
- Simple connection with the DP1617 controller via IO-Link
- Bent and straight installation



**ifm** – close to you!

**Individually controlled LEDs for maximum flexibility and reliability**

This innovative LED strip enables far more than visualisation in a single colour: up to 320 RGB LEDs can be individually controlled in terms of colour and brightness. The DP1617 controller offers pre-programmed modes for this purpose, allowing quick and easy implementation of customised visualisation concepts. LED control is performed via IO-Link.

The hygienically designed and extremely robust LED strips are available in lengths from 250 mm to 5000 mm, making them ideal for demanding applications in factory automation as well as in the food industry. Thanks to an integrated bypass system, the strip remains functional even if individual LEDs fail, which increases reliability and extends the service life of the system.

**Operating modes of the DP1617 controller**

**Segment mode**

Allows the LED strip to be divided into several segments that can be controlled independently of each other for flexible and customised applications.

**Running light point mode**

Creates a flowing movement effect by lighting up the LEDs one after the other. Ideal for dynamic and appealing visualisations that convey the impression of movement.

**Bar graph mode**

Visualises values or states by lighting up LEDs in a row one after the other, similar to a bar graph.

**Position mode**

Provides precise control of individual LED groups to clearly display specific positions.

You can find an illustration of the modes in various sample applications on our website. Simply scan the QR code on this page to get there directly.

Length [mm]	Order no.	
	Industry	Food
250	DV1110	DV1210
500	DV1111	DV1211
750	DV1112	DV1212
1000	DV1113	DV1213
1500	DV1114	DV1214
2000	DV1115	DV1215
2500	DV1116	DV1216
3000	DV1117	DV1217
3500	DV1118	DV1218
4000	DV1119	DV1219
4500	DV1120	DV1220
5000	DV1121	DV1221

Controller for LED strip	Order no.
Different operating modes controllable via IO-Link	DP1617

**BEST FRIENDS**

We reserve the right to make technical alterations without prior notice. · 04.2026  
ifm electronic gmbh · Friedrichstr. 1 · 45128 Essen



**Light tower**  
Clearly visible visualisation of operating states



**IO-Link master**  
Field-compatible masters for use in hygienic areas



**Temperature sensors**  
Reliable temperature measurement



For further technical details, please visit: [ifm.com/fs/DV1110](http://ifm.com/fs/DV1110)