ALFAZETA

Flip Dots

Electromagnetic displays

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ABOUT US

Alfa - Zeta is on display market since 1992. We know this market and its participants. Since that time we offered on the Polish market electromagnetic displays made by FP Electronics. Our company was a pioneer of this technology in Poland. We were probably the first to introduce in Poland bus destination signs or petrol station price signs which nowadays are pretty common. Many companies offer different technologies but only we can present thousands examples worldwide proving reliability of our display technology. There is no other technology which is tested in such a wide working conditions.

Since 2004 we were working as a European distributor of MARK IV FP Electronics. Apart from distribution of electromagnetic displays we also offer complete solutions for fuel price totems. Please ask for details.

For those looking for more aggressive technology we offer also LED solutions.

We feel responsible for a quality of products and services we offer - in case of any problems we are always trying to help - even if it is not resulting directly from sales conditions. We never leave our customers alone with their problems.

After closing of MARK IV FP Electronics in 2007 we decided to buy some of production lines from them. As a result we are in the position, as probably the only company in the world, to still offer a full range of electromagnetic displays:

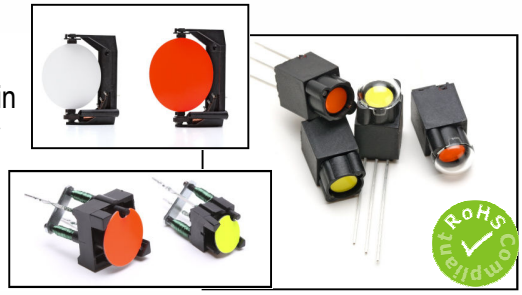
- Strips,
- Status indicators,
- Large seven segment module
- Small seven segment module
- Head assembles
- Large alphanumeric module.

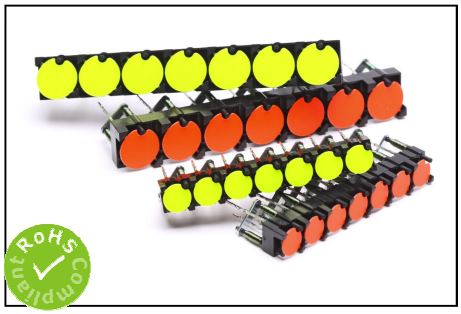
Most of them are RoHs compliant.

FEATURES and ADVANTAGES

- The fluorescent reflective element has excellent resistance to “UV fading” in sunlight thus it is the best color choice for outdoor sign applications
- For variable message signs, the magnetic memory retains the indicator’s status through shock, vibration or power failure.
- Unique magnetic memory allows to keep information without any power supply forever.
- This is a an energy saving technology. Energy is only needed to change information.
- Minimal power consumption means low operating costs.
- The disk is the only moving part and is rated at 100 million operations.
- The displays are extremely rugged and ideal for use in applications over a wide range of environmental conditions.

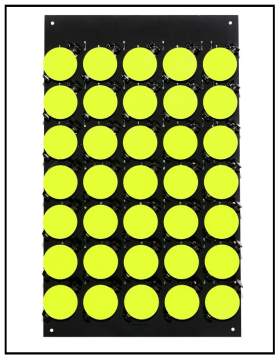
Electromagnetic status indicators are ideal for applications which require great visibility in difficult light conditions and built – in memory which allows to display critical information after all power is gone. Typical applications include transient recorders, industrial process displays, portable field measuring equipment displays, contact status indicators and any binary on / off indica-

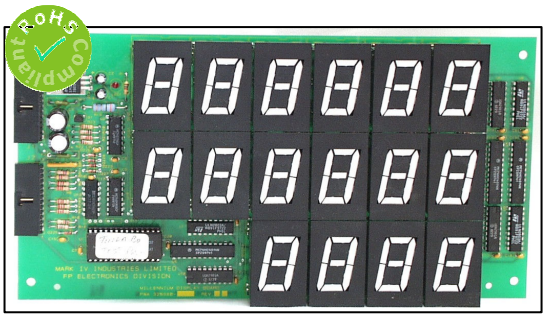




Eletromagetic strips are available in two sizes (2.7" and 4.1") as a set of 7 points. The light reflective dot material is available in red and fluorescent color materials including yellow (shown). The reverse side of the disk is usually black but it may be any of the colors.

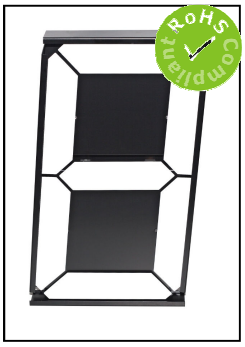
Alphanumeric modules are components for use in large high reliability signs of minimal power consumption. Consisting of 35 electromagnetic operated light reflecting disks, the module displays alphanumeric characters. The module heights available are 214 mm (9 inches), 305 mm (12 inches), (16 inches) and 457 mm (18 inches). Standard disk colors are white, red or fluorescent yellow. Other colors are available on request.

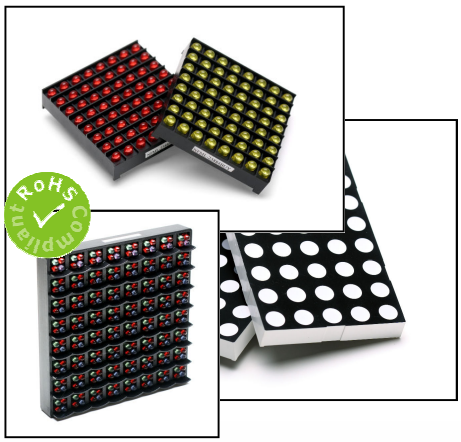




Small 1" seven segment module and headassembles offer the optimum in visibility, reliability and economy for small size numerical displays. These modules are manufactured on original FP Electronics equipment purchased by Alfa—Zeta and according to MARK IV FP Electronics specifications.

Large seven segment displays can display the digits 0-9, plus a limited selection of alpha characters. The character heights available are 100 mm—630 mm. Standard colors are white and yellow. His product main field of application are gas price totems, scoreboards and clocks.





LED clusters are devices consisted of a set of LEDs embedded into a housing. LEDs inside are connected together what simplifies assemble process and allows to design PCB with ease and versability. Various types and sizes allows to reduce design time and prototyping process. The range includes also waterproof RGB solutions.