



EVG. Turning ideas
into solutions.

evg.eu



We're driven by what moves you.

Are you looking for ready-to-install components? In the form of standard elements or tailor-made components for applications in automation engineering, industrial electronics, medical technology or mechanical engineering? Welcome to EVG. For more than 50 years now, we've been developing first-class mechanical solutions for electronics and electrical engineering – and we've done so with unwavering passion.

It's no wonder, then, that we can achieve more for you: We serve as the distributor and contractual partner of market-leading manufacturers of electromechanical components.

Creating product solutions specifically designed for your application is our core competence. Our goal is to fulfil your expectations regarding quality, functionality and reliability.

But what are your expectations, exactly? We determine them together by supporting you with all our expertise right from the product development phase. The final result is precisely the one you were looking for. And we, too, achieve our prime objective: People and companies using our products willingly and successfully.



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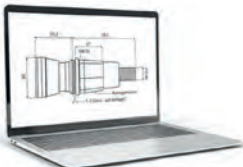
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Luminaires

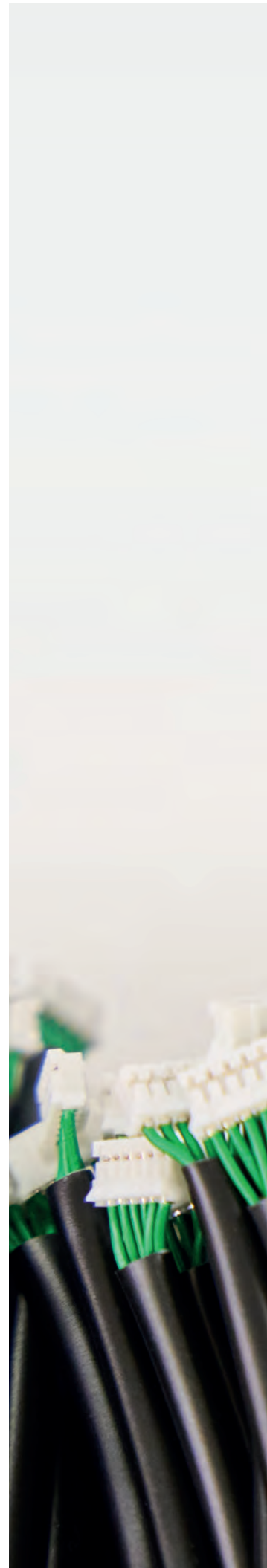


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Services



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Discover our extensive product portfolio and our range of individual services to find just the right solution for your application – or team up with us to create it.

Follow us on social media and stay up to date about our product portfolio, new developments, events, and much more. It's also a really easy way for you to contact us. We welcome your feedback and look forward to hearing from you.



Data and signals must be transmitted with optimal quality. Always and everywhere. Our connectors play a small but important role in the process.

Our product range extends from miniature, round and rectangular connectors to interface and PCB connectors. In various sizes and types, of course, for an extremely wide range of industrial application areas, such as automation engineering, mechanical engineering, industrial electronics or medical technology.

Customising our products for individual applications by means of cable harnessing and injection molding is so important to us that we do not outsource these manufacturing processes – we perform them ourselves at our Mönchengladbach site. This results in products that you, too, will appreciate.

Find your optimal solution in the online shop!



A man in a dark polo shirt and jeans stands next to a large, green, flexible cable. He is holding the top of the cable, which is a large, black, cylindrical connector with a silver metal flange and a threaded top. The connector has four gold-colored pins visible inside. The cable is thick and green, curving from the connector down to the right. The background is plain white.

Connectors

**For reliable
signals**

Switches / Control units

Safety at the push of a button

The operation of devices and plant constructions must be clear and safe. There's no room for compromise here – but lots of room for our switches and control units.



Our components provide for smooth communication between user and device. It's a demanding job that our products perform flawlessly – through their form, touch and operability, but also through their easy installation and their durability.

You will find all this and more in our control units and input systems for control and plant engineering as well as in switches and buttons for the device industry. Along with safety at the touch of a button, we also offer you optical and acoustic signalling devices.

Find your optimal solution in the online shop!





Axial fans / Industrial cooling

Perfect work environment



Electronic components must provide continuously reliable operation. Our fans and components for industrial cooling ensure optimal temperatures.

Temperature fluctuations, high humidity and low temperatures can cause airborne moisture to condense in enclosures and electrical cabinets. To prevent installed electronic devices and components from developing problems as a result, their temperature must be controlled efficiently. This ensures their functionality and extends their service life.

We offer you components for cooling, heating or regulating, which are matched to the specific task. As a standard component or as a ready-to-install module for direct installation.

Find your optimal solution in the online shop!





An electrical cabinet is more than an enclosure. It constitutes - with the help of our accessories - the perfect framework to enable the components inside to interact.

A well-designed electrical cabinet can facilitate the work routine considerably: it ensures a clear overview, provides good accessibility to all components, and maintains the safest possible working conditions.

All this is achieved through an intelligent layout comprising many clever details. This also includes our shield clamps, sockets, ground straps and many other electrical cabinet components from our extensive product range.

Find your optimal solution in the online shop!





Electrical cabinet components

**Extra-ordinarily
good inside**



Requires up to 80 % less space than electric alternatives. Consumes up to 75 % less energy than pneumatic ones. Reduces operating costs by as much as 95 %. The performance figures of liteECO® speak for themselves. Add to that its easy plug-and-play installation in existing systems, because liteECO® actuators fit within the established design footprint of compact pneumatic cylinders.

Actuators / Sensors

The most compact actuator for short stroke motions

Complex pneumatic systems are a thing of the past. Discover liteECO® from SMELA – the actuator alternative that saves space, energy and money.

Its diverse application areas range from the automotive industry and packaging systems to logistics operations and more. Feel free to use our tool to easily estimate the profitability in your own plant.

Find your optimal solution in the online shop!

Enclosures / Cable glands

Surrounded by quality



The role of an enclosure is clear: it should securely house the components inside and protect them against undesirable effects. To do so, it must be designed and built to suit the application.

And with our enclosures, that is precisely the case: developed for use in applications ranging from laboratories to harsh industrial environments, made of high-quality plastic and aluminium, they fulfil their specific requirements – also from an ergonomic and aesthetic perspective.

Find your optimal solution in the online shop!

Packaging and protecting electronic components and systems in the best possible way – this is what our enclosures do best.





Luminaires

Appearing in the best light

Whether at the workplace, at the machine or in electrical cabinets, good lighting makes work easier and safer. Lighting and optical signals must be matched accordingly.

We offer you genuine "lighting design" for every need: LED lamps, electrical cabinet and workplace lighting, and signal lighting with optical and acoustic signals, providing crystal clear indication of the operating conditions on your machinery and plant constructions.

Find your optimal solution in the online shop!





Seeing things clearly, assessing situations correctly – these are basic prerequisites for successful work. Our luminaires put your tasks in the proper light.

Services

Achieving more together



A good idea is the start of a perfect solution. We help you bring your product ideas to life – with all our expertise and experience.

EVG already offers you a tremendous variety of ready-to-install components for specific connector solutions. But sometimes only a unique, customised component can achieve the desired result.

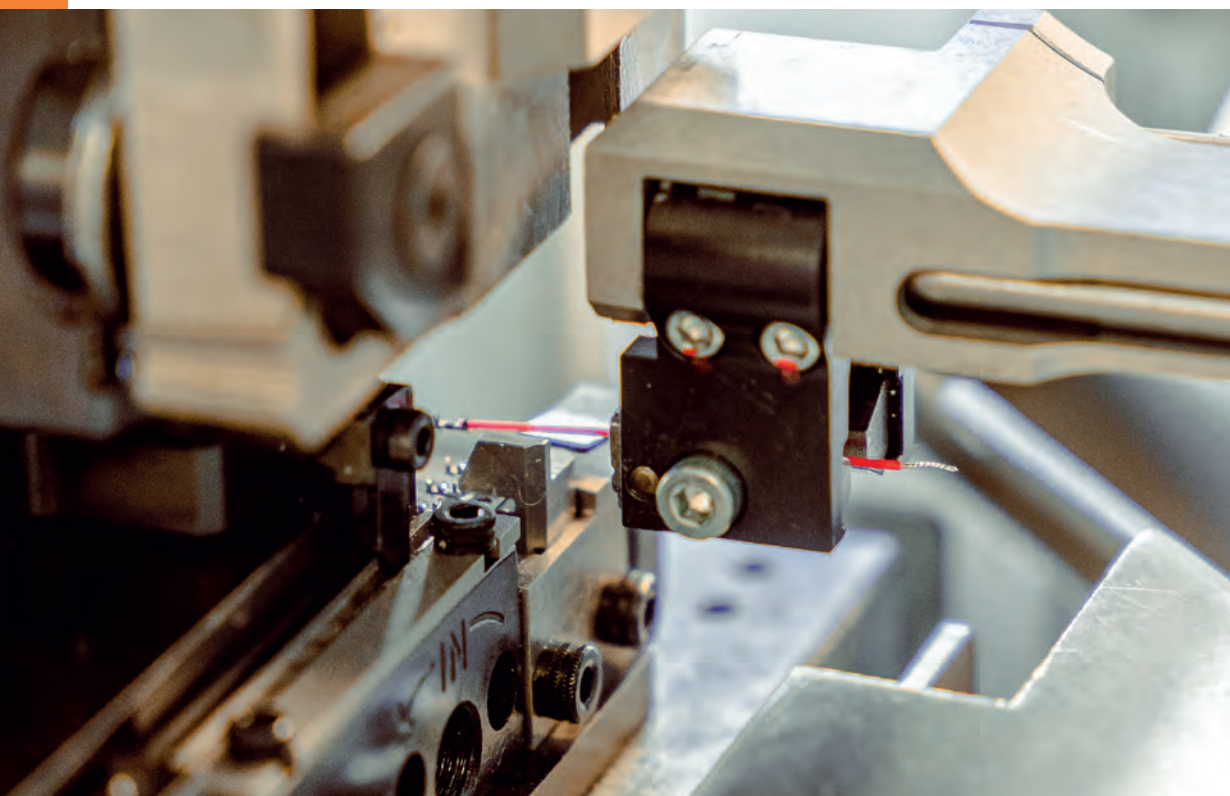
We turn your ideas into perfectly tailored products. To do so, we work closely together with you while contributing our own outstanding manufacturing expertise. Take advantage of our team whose know-how has been built up over the past five decades – a team that is only satisfied when you are too.



Cable harnessing

With custom cable harnessing, we assure consistent quality – using modern machinery and automated systems, an extensive inventory of tooling, and process reliability according to DIN EN ISO 9001:2015. On request, we also manufacture according to UL standard ZPFW2/ZPFW8 – wiring harness (file number E468240).

Our pledge: 100 % first-class cable harnesses that work where it counts: In your plant constructions.





Injection molding

In many machines and plant constructions, standard connectors are perfectly adequate. But some requirements demand special characteristics. Together with you, we develop a customised solution.

From the idea to the finished product, it takes us a few weeks. We offer the complete production process, including the design and fabrication of the molds.



Mechanical modification

Are you looking for expertise and quality in the mechanical modification of components? Here, too, our specialists will be glad to help you – rapidly and reliably. We can add any openings you may need to enclosures, for example, install the associated components, and wire them. Drilling, milling, engraving, glueing and potting are no problem for us, either. Discover our strengths when it comes to your customised, ready-to-install products.



3D printing

The additive manufacturing of components opens up new possibilities – we use it to create your customised product solution and produce plastic-based components precisely matched to your specific needs.

To do so, we use the process of selective laser sintering (SLS): based on a computer model, a laser melts the plastic material layer by layer until the desired product emerges. Post-production surface finishing gives it the appearance of an injection-molded part. Our 3D printing process is used to produce parts ranging from prototypes to series production.



Potting

It takes experience to glue and pot components. We have the experience, because the mixing and application of adhesives and potting compounds are part of our daily routine. During these processes, we monitor the key parameters such as the quality of the adhesive and its pot life. As a result, you receive a component that continues to perform for you as promised over the long term.





Rapid availability

Even the best product only helps when it is also available when needed. And that is precisely the role of our company-owned and operated warehouse, where we store many thousands of parts and components. And our efficient logistics enables us to send them out extremely rapidly. That gives you the security of a reliable supply of parts and spare parts. And it gives us the chance to make you even more satisfied.

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