



# ABOUT US

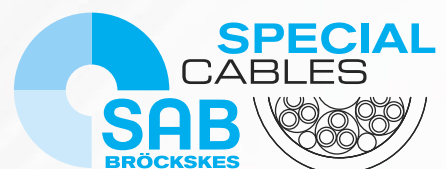


*Founded in 1947*

FAMILY  
BUSINESS  
IN THE THIRD  
GENERATION

SPECIAL CABLES  
MEASUREMENT TECHNOLOGY  
CABLE HARNESSING

[www.sab-cable.com](http://www.sab-cable.com)



Stadtverwaltung Süchteln  
Steueramt.

Gewerbe-Anmeldebescheinigung.

Gewerbeanmelderegister  
Nr. 324 19 47

Der ~~Stamm~~ - Herr ~~(Name)~~ Peter Bröckskes  
in Süchteln Ostwall ~~Stamm~~ Nr. 21 hat ~~bestanden~~  
am 4. Juni 19 47 für Süchteln Ostwall Nr. 21  
den selbständigen Betrieb: Herstellung, Montage und Vertrieb  
von ~~Apparaten~~ Schwachstromanlagen mit Zubehör

beginnend mit dem 27. Mai 19 47 angemeldet,  
was hiermit bescheinigt wird.

Bemerkung: Bei Abmeldung des Gewerbebetriebes ist diese Bescheinigung mitzubringen.

Süchteln, den 4. Juni 19 47

Der Stadtdirektor  
I. A.

*[Signature]*



Der Wirtschaftsminister  
des Landes Nordrhein-Westfalen

Düsseldorf, den 17. November 1947

Vorläufige Produktions-Erlaubnis  
Production-Permit

Nr. der Produktions-Erlaubnis: NR-W- 4/16 / B 6 / 0678  
No. of the Production-Permit:

Produktionserlaubnis ist gültig bis:          auf weiteres  
This Production-Permit is valid until:

Firma: Elektro-Signal- und Apparatefabrik  
To (Firm's name): P. Bröckskes & Co. KG

Anschrift: Süchteln Kreis: Kempen  
Address: Niederstrasse 6

Genehmigte Erzeugnisse:  
Approved Products:

Apparate und Geräte für Signal- und Fernmeldeanlagen einschl. Montage, für Stark- und Schwachstrom  
6.10.48 I.A.

- a) Höchstzahl (bez. produktiv) Beschäftigten:  
Maximum number of productive employees: (20) bis zu 25
- b) Höchstzahl der nicht produktiv Beschäftigten:  
Maximum number of non-productive employees: 2
- c) Genehmigter Strombedarf wöchentlich:  
Authorized consumption of electric power per week:          kWh
- d) Genehmigter Gasverbrauch monatlich:  
Authorized consumption of gas per month:          cbm
- e) Genehmigter Brennstoffverbrauch monatlich:  
Authorized consumption of fuel per month: 1,5 t

Andere Erzeugnisse wie oben angegeben dürfen nicht hergestellt werden.  
You will not engage in the production of any other goods except those mentioned above.  
Brennstoffverbrauch dürfen keinesfalls überschritten werden.  
Maximum number of the productive and non-productive employees, approved consumption of power, gas and fuel are not permitted to be passed over limit.  
Bis zum 3. eines jeden Monats ist eine Betriebsmeldung gemäß Formblatt 14 (deutsch) über das Bezirks-Wirtschaftsamt einzureichen.  
You will render a return in German to the Bezirks-Wirtschaftsamt until the 3th of each month.  
For this purpose Form 14 will be used.

Angefertigt:  
Issued:  
JANSON.



Im Auftrag  
[Signature]  
(Min.-Bat. Dr. Kosheim)



TRADITIONAL  
FAMILY BUSINESS  
SINCE **1947**



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## FAMILY BUSINESS IN THE THIRD GENERATION

**75** years of experience in cable and wire manufacturing as well as in temperature measurement technology turned a one-man business into a company with more than 550 employees. We prove our strength every year with more than 1500 special products according to customers' requirements. Each product is a new challenge for our creative technical team. We at **SAB** see ourselves as a manufacturer and a service provider – in the sense of true partnership and the greatest possible customer orientation.

Today, the quality of our products is known and appreciated in more than 100 countries around the world. In all product ranges, we are certified according to DIN EN ISO 9001. Furthermore, we have implemented an environmental management system for our company according to DIN EN ISO 14001, an occupational health and safety management system according to NLF/ILO-OSH and DIN ISO 45001, and an energy management system according to DIN EN ISO 50001.

And also for the future, our slogan is: **"WE GO FORWARD!"**

|                             |   |
|-----------------------------|---|
| FOUNDED:                    | 1947 by Peter Bröckskes sen.<br>an independent, medium-sized company.   |
| CEO:                        | Peter Bröckskes and Sabine Bröckskes-Wetten   |
| PLANT/LOCATION:             | In Viersen (Lower Rhine) 110.000 m <sup>2</sup> company site.<br><br>Own manufacturing from copper conductor to outer sheath.<br><br>VDE approved burnchamber and laboratory within the company.  |
| EMPLOYEES/WORKERS:          | approx. 430 at the plant in Viersen, 550 worldwide  |
| YEARLY SALES:               | over 134 Mio. € worldwide   |
| PRODUCTS:                   | Special Cables<br><br>Measurement Technology<br><br>Cable Harnessing  |
| CERTIFICATES AND APPROVALS: | Quality management system acc. to DIN EN ISO 9001 for every manufacturing field<br><br>Environmental management system acc. to DIN EN ISO 14001<br><br>Occupational health and safety management acc. to NLF/ILO-OSH and DIN ISO 45001<br><br>Energy management system acc. to DIN EN ISO 50001 |







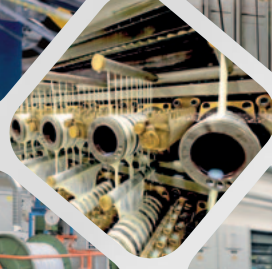
Peter Brückskes sen.



Sabine Brückskes-Wetten



Peter Brückskes



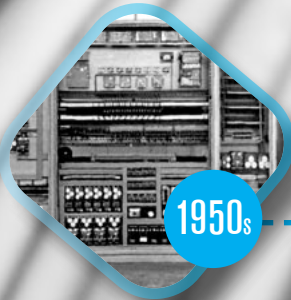
# COMPANY



1947

## Alarm systems against bacon

The **SAB** story starts in a shed in Suchtein and 100 Reichsmark. The start can be compared to a roller coaster ride. It rises quickly but soon the descent follows.



1950s

## From a dovecot to the own property

At the beginning of the 1950s, Peter Bröckskes, Sr. is confronted with many challenges. The young entrepreneur discovers a market niche that lays the foundation for this success story.

## Bröckskes is booming and expands its premises

The sixties are a time of rapid growth for the company. Peter Bröckskes is hardly able to keep up with all of his plans. As the company booms, two factory plants and an office building are put up.

## Everyone is talking about SAB Bröckskes

In the 1970s **SAB** Bröckskes goes on riding on a wave of success. The decade is marked by rising turnover figures and a growing number of staff members as well as a sensational extension of the company premises.

## Once around the world

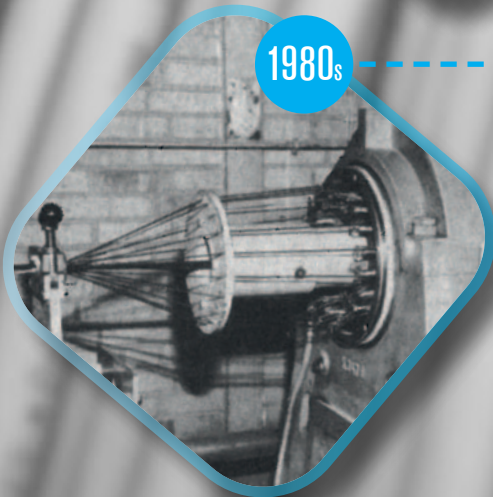
**SAB** Bröckskes delivers to 45 countries around the world. **SAB** begins an apprenticeship program to develop young cable workers. In 1989 Peter Bröckskes, Jr. takes over the management.



1960s



1970s



1980s



# HISTORY

## Crisis becomes opportunity

A change of strategy becomes necessary when **SAB Bröckskes** is in a crisis with a 25% drop in sales. The decision is made to change from a wholesale business to a special solutions provider for industrial applications. This courageous decision changes the future of the company.

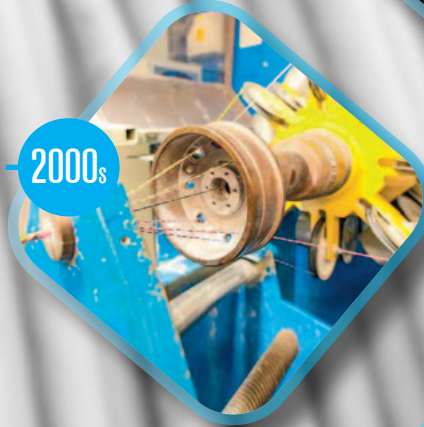
1990s



## On the speedboat SAB

The 2000s started with awards, jubilees, certifications, and further international expansion. Things start to change and in 2007 the worldwide financial crisis hits. It reaches **SAB Bröckskes** and the turnover figures are decreasing considerably.

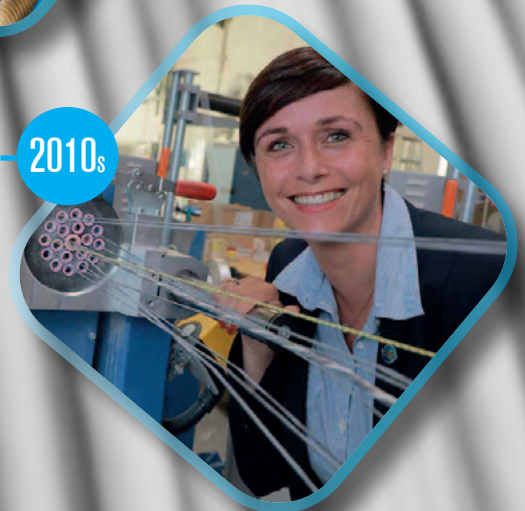
2000s



## The journey continues

The company starts into the next decade stronger than ever. **SAB Bröckskes** was still producing exclusively in Germany and expands its production capacities. Sabine Bröckskes-Wetten takes over the management.

2010s



## SAB is subject to change

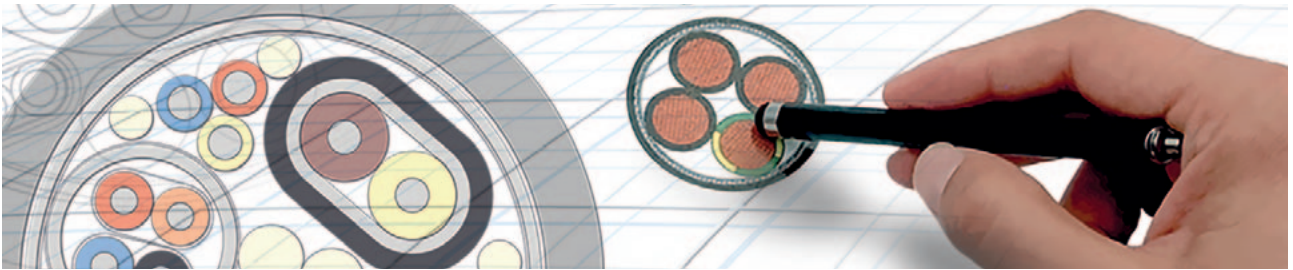
The Corona pandemic and the Ukraine war determine everyday life but Sabine Bröckskes-Wetten leads the company into the future with a focus on health management, structural changes, and digitalization.

2020s

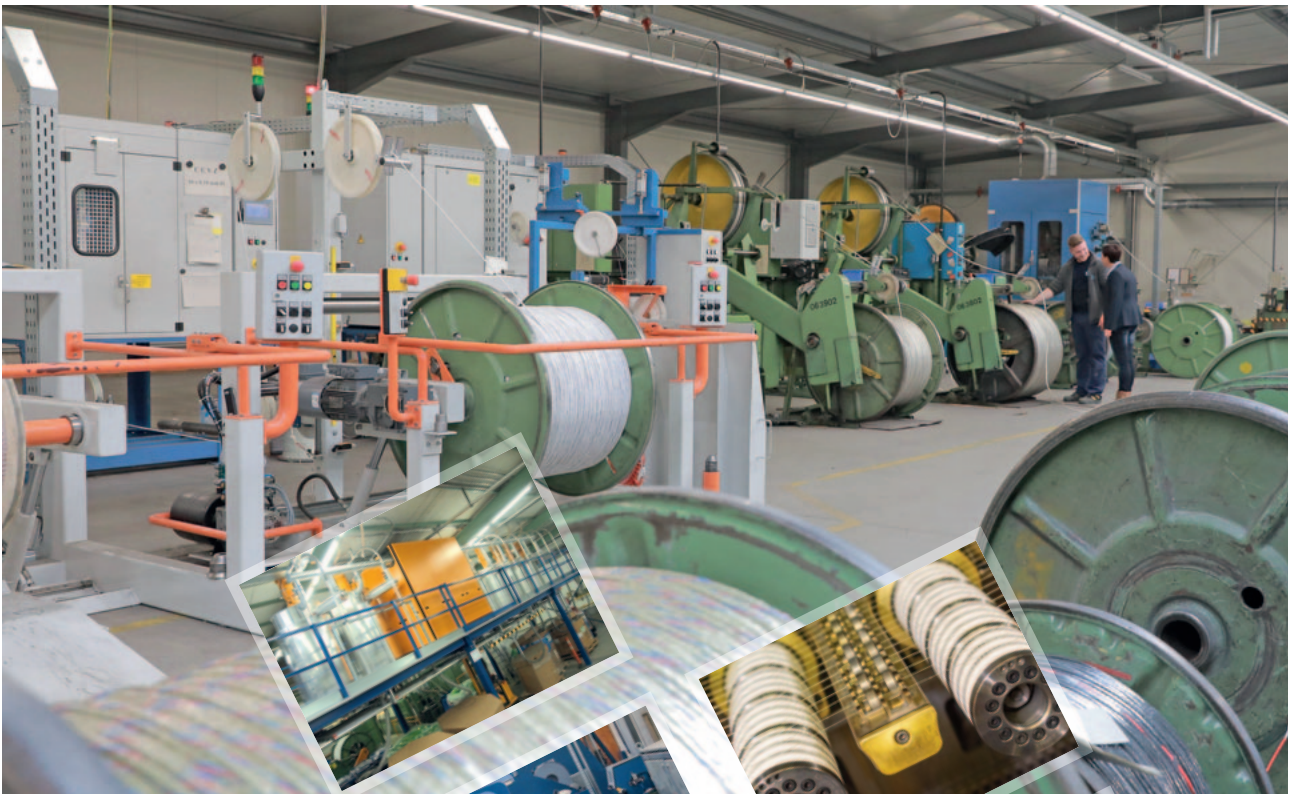


# MANUFACTURING

## CABLES AND WIRES



Due to quicker and highly technical automation systems in production and application technology, industry demands innovative cables from cable industry. In order to be always technically up to date, we develop and produce customised special solutions exactly according to the requirements of our customers. We are able to realise smallest production units. Total lengths of 300 m – often only 100 m – meet the individual requirements and the economic interest of our customers.





# PRODUCTION

## MEASUREMENT TECHNOLOGY AND CABLE HARNESSING



For more than 75 years we design individual temperature measurement solutions for industrial applications. Our customers not only benefit from the wide range of our standard temperature sensors but can also choose out of the variety of special sensors developed and produced by SAB Bröckskes. Furthermore, cable harnessing belongs to the product range of SAB Bröckskes. Many customers require complete solutions consisting of cables and plugs. We expand our cable harnessing production continuously. Therefore, we are able to offer every customer the required special solution.



# PRODUCT RANGE

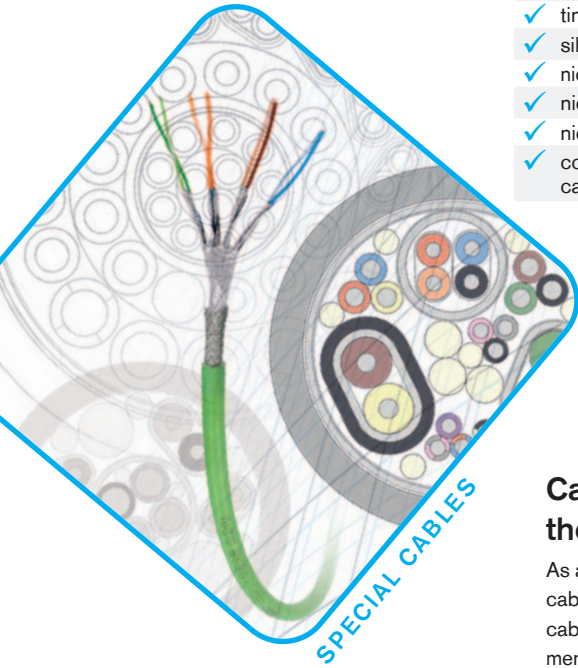
## PRODUCTION POSSIBILITIES

### Flexible cables and wires “Made in Germany”

As a leading manufacturer we develop and produce cables for industrial purposes.

Our wide range of materials offers a lot of possibilities for your individual product requirement.

The following survey shows an extract of our production possibilities:



#### Conductor Materials:

- ✓ bare copper
- ✓ tinned copper
- ✓ silver plated copper
- ✓ nickel plated copper
- ✓ nickel
- ✓ nickel pure
- ✓ compensating cable alloys

#### Insulation and Jacketing Materials:

- ✓ PVC
- ✓ Polyethylene
- ✓ Polypropylene
- ✓ Polyurethane
- ✓ TPE
- ✓ SABIX® (zero halogen)
- ✓ Besilen® - Silicone
- ✓ FEP, ETFE, PFA, PTFE
- ✓ PI foil
- ✓ Fibreglass

#### Temperature Ranges:

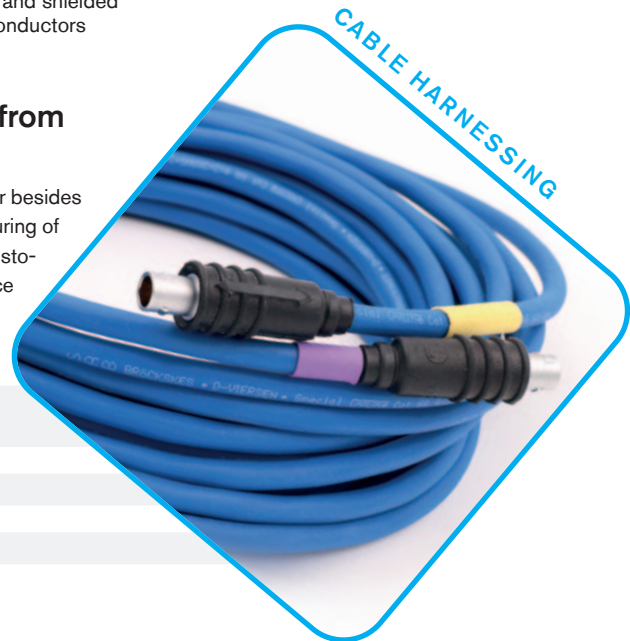
- Thermoplastic Elastomers
- ✓ -50°C up to +145°C
- SABIX®
- ✓ -50°C up to +220°C
- Besilen® - Silicone
- ✓ -40°C up to +220°C
- FEP, ETFE, PFA
- ✓ -90°C up to +260°C
- Fibreglass
- ✓ up to +600°C

#### Conductors:

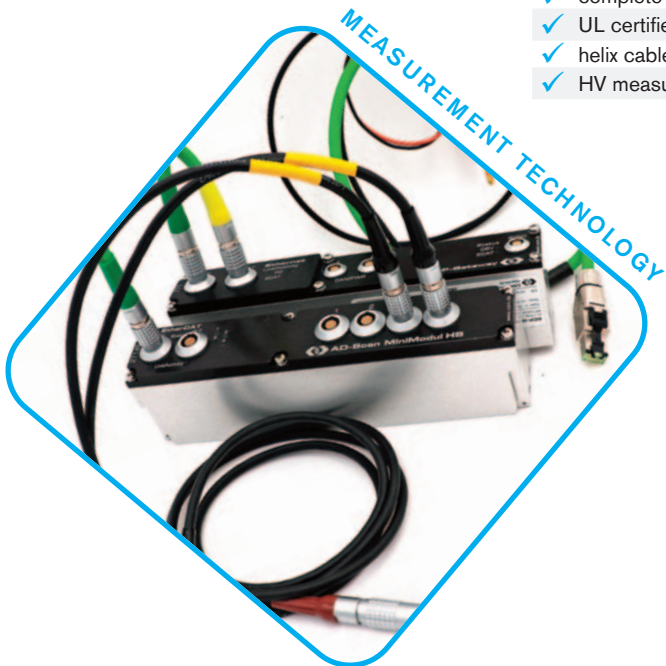
- ✓ cross sections 0,055 - 300 mm<sup>2</sup>
- ✓ unshielded and shielded over 100 conductors

### Cable harnessing directly from the manufacturer SAB:

As a full service partner we are able to offer besides cable design and production the manufacturing of cable harnessing products according to customer's request. Please trust on our experience for decades in the treatment of cables and connectors.



- ✓ cable harness according to customer's demands
- ✓ complete cable harness
- ✓ UL certified assemblies
- ✓ helix cables
- ✓ HV measuring harness



### Measuring technology for industrial applications

Manufacturer of temperature sensors for industrial applications with 75 years of experience!

- ✓ mineral insulated thermocouples
- ✓ mineral insulated resistance thermometers
- ✓ temperature sensors
- ✓ mobile high voltage measuring technology
- ✓ temperature sensors for vehicle testing

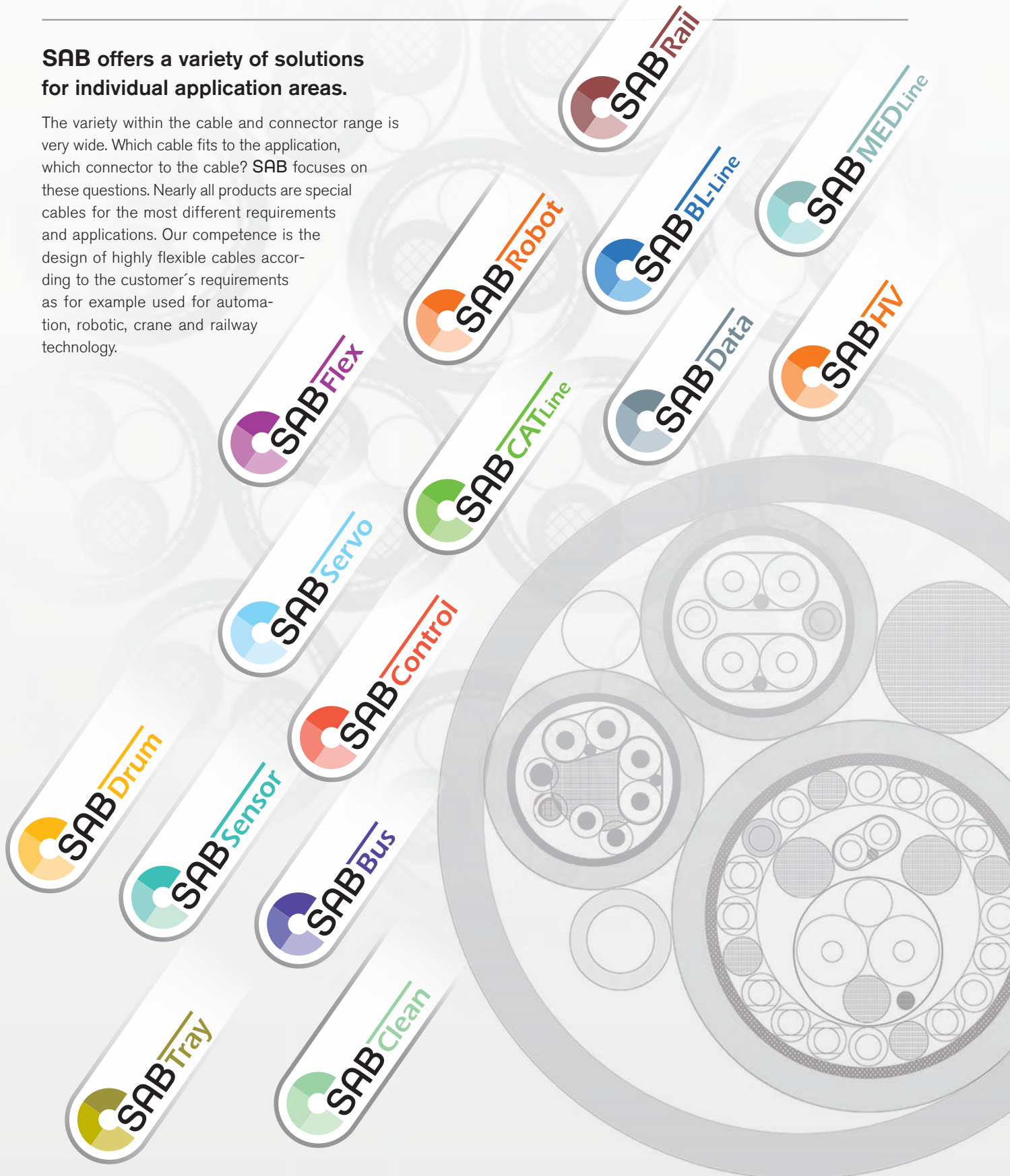


# SAB BRANDS

## AT A GLANCE

### **SAB offers a variety of solutions for individual application areas.**

The variety within the cable and connector range is very wide. Which cable fits to the application, which connector to the cable? SAB focuses on these questions. Nearly all products are special cables for the most different requirements and applications. Our competence is the design of highly flexible cables according to the customer's requirements as for example used for automation, robotic, crane and railway technology.







## FOR SPECIAL APPLICATIONS

### We cover the most different application ranges.

As manufacturer of industrial cables it is our main business to analyse problems and design customised cables for industrial applications. In the following overview you will find a broad range of electrical cables that have been developed by SAB Bröckskes for the most different industrial applications.

In case that you do not find the appropriate cable in our standard programme, please contact us. Our technical team is always prepared to develop your special cable for your individual application.



- Automation technology
- Robotics
- Shipbuilding
- Railway technology
- E-mobility
- Construction machines
- Agricultural technology
- High-voltage measurement technology
- 3D measurement technology
- USB 2.0/3.0
- Medical technology
- Airport industry
- Sensors
- Lighting technology
- Material handling
- Lifts
- Cleanroom technology
- E-ticketing
- Steel industry
- Waste disposal industry
- Wind power
- Crane and Conveyor applications
- Assembled system solutions
- and much more







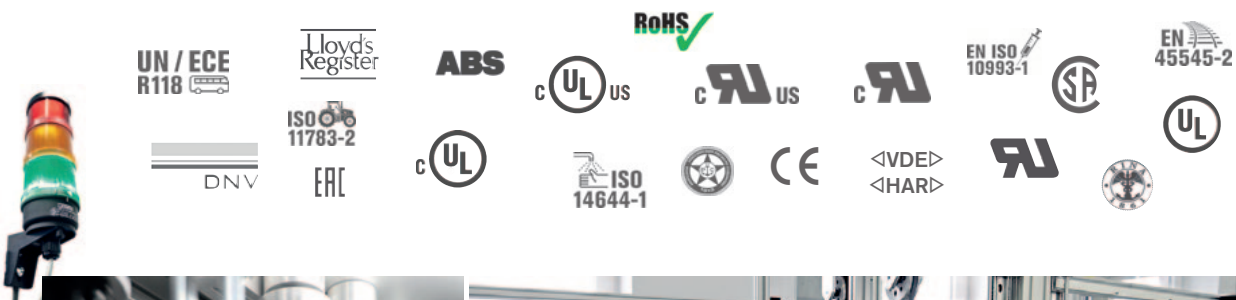
# AUDITED / TESTED / APPROVED

## QUALITY ASSURANCE

### Good results are neither influenced by good luck or by chance . . .

... but by years of experience, ingenious techniques, technical competence as well as the ability to develop the new, to test and to improve the existing. We are continuously engaged in new and further development of our products in order to complete our cable range and to extend and strengthen our market position. With the help of our wide range of testing machines we are able to assure that our products are tested intensively before being introduced on the market. Extensive testing is often done together with our customers and partners under real conditions on site.

SAB Bröckskes disposes of all testing methods required by the VDE as well as of numerous international approvals. Furthermore, we use many other testing devices such as our reversed bending machine for extreme strength and long-term testing. We are convinced of our product quality and last but not least gain the confidence of our customers.



| K M P MASCHINENBAU Übersicht |                                     |  |
|------------------------------|-------------------------------------|--|
| Zyklen Vorwahl               | 2000000                             |  |
| Zyklen                       | 217323                              |  |
| Zyklen gesamt                | 7064598                             |  |
| Antrieb                      | <input checked="" type="checkbox"/> |  |
| Freigabe                     | <input checked="" type="checkbox"/> |  |
| Geschwindigkeit              | 33.9 Zyklen/min                     |  |



## Quality

We always like to convince our customers with best performance. Therefore, highest quality standards are prevailing on all levels. For this purpose we introduced a quality management system according to DIN EN ISO 9001 in 1996. This enables us again and again to find measurable parameters for the identification of improvement potential. In addition, our quality is confirmed by numerous customer audits.



## Sustainable Environmental and Climate Protection

In 2005 we introduced an environmental management system for our company in accordance with DIN EN ISO 14001. In both the development of new products and the operation of production facilities, we ensure that their impacts on the environment and climate are kept as low as possible and that our products make a positive contribution to environmental and climate protection among our customers.

# TECHNOLOGY ENVIRONMENT ETHICS

As an important regional employer and a worldwide operating company, SAB Bröckskes is aware of the responsibility for humans and environment. Already in the 1990s the company focussed on topics like environment, sustainability and recycling in order to save the livelihood for the subsequent generations.

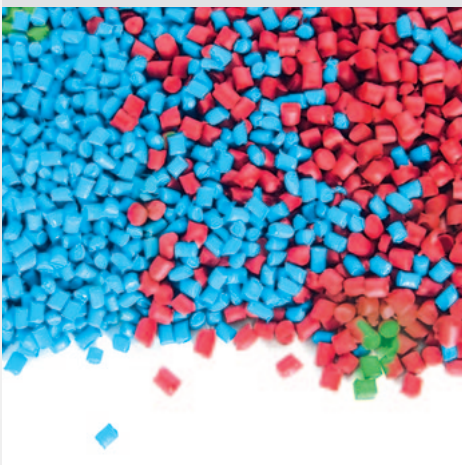
## Energy Management

We handle our resources carefully and try to improve continuously our processes and procedures in this respect. Since 2011 we have a certified energy management system according to DIN EN ISO 50001 in place. We only reach our aim when all technical aspects, ecological, economical thinking as well as the requirements of our customers have been met.



## Resource Efficiency

We are examining all raw materials, methods of processing, and final products regarding their danger for human life and environment. We take back all SAB products that our customers do not need any more and guarantee best waste disposal. In our own company we have optimised the energy consumption of machines and heating systems that are examined by internal environmental audits regularly.



## Research and Development

By intensive research and development as well as testing we ensure that all our products are mature before being introduced on the market. New products are the result of a close communication between customer, sales and construction department, raw material suppliers and our laboratory staff. Our company disposes of all test equipment required by the VDE as well as of numerous international approvals.



# AWARDED TRAINING COMPANY

## WITH FUTURE PROSPECTS

### For years our trainees belong to the best on national level.

A practise-oriented apprenticeship with development potential is our focus. We offer extensive training possibilities in commercial and technical fields. Besides the weekly professional school we support our trainees with internal and external training units in order to prepare them best possible for their working life. For years our trainees belong to the best on national level. Also in 2021 SAB Bröckskes has been awarded once again as one of the best training companies by the "IHK Mittlerer Niederrhein".

### INDUSTRIAL CLERKS

(m/f/d)



### INDUSTRIAL MECHANICS

(m/f/d)



### MACHINE OPERATORS

(m/f/d)



### ELECTRONIC TECHNICIANS FOR WORKS ENGINEERING

(m/f/d)



### IT SPECIALISTS

(m/f/d)







**BESTER**  
IHK-Ausbildungsbetrieb  
Mittlerer Niederrhein

Best IHK  
training company  
in the Middle  
Lower Rhine region

Ursula van der Leyen

Hannelore Krafft



Barbara Schöneberger

Olef Schalz



# SALES AND SERVICE

From our central stock in Viersen-Süchteln or our external stocks, we supply standard lengths as well as special dimensions, often within 24 hours. It is our strength to be at different places at the same time. This shows also our wide product range. Being always ready to deliver our products of constant quality is our strength at SAB Bröckskes. Challenge, obligation - but also guarantee at the same time. This is your advantage - we are present whenever you need our assistance.



## ● HEAD OFFICE

### Germany

**SAB Bröckskes GmbH & Co. KG**  
Grefrather Str. 204-212 b  
41749 Viersen  
Germany  
Phone +49 (0) 2162 898-0  
info@sab-cable.com  
www.sab-kabel.de

## ● SUBSIDIARY

### France (east)

**SAB France**  
28, rue des Caillottes  
Z.I. La Plaine des Isles  
89000 Auxerre  
France  
Phone +33 3 869 466 94  
info@sab-cables.com  
www.sab-cables.com

## ● SUBSIDIARY

### USA

**SAB North America**  
344 Kaplan Drive  
Fairfield, NJ 07004  
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Phone +1 973 276 0500  
info@sabcable.com  
www.sabcable.com

## ● REPRESENTATION

### Korea

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206 Yecheon 3-gil, Ochang-eup  
Cheongwon-gu, Cheongju-si  
Chungcheongbuk-do  
28127, South Korea  
Phone + 82 43 211 9900  
thomascable@thomaskorea.com  
www.thomas.co.kr

## ● SUBSIDIARY

### Netherlands

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sales@sab-broeckskes.net  
www.sab-cable.cn

## ● REPRESENTATION

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**Alltronix**  
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Peenya Industrial Estate,  
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India  
Phone +91 80 40838383  
mail@alltronix.com  
www.alltronix.com

# WORLDWIDE

Here you will find the right contact worldwide for your service request.



## REPRESENTATION

### Singapore

Precision Technologies Pte Ltd  
211 Henderson Road # 13 - 02  
Henderson Industrial Park  
Singapore 159552  
Phone +65 6273 4573  
precision@pretech.com.sg  
www.pretech.com.sg

## REPRESENTATION

### Temperature measurement Belgium

Ets. Fabritius SPRL  
Av. van Volxem 180  
1190 Brussels  
Belgium  
Phone +32 2 34 33 932  
info@fabritius.be  
www.fabritius.be

## REPRESENTATION

### Japan

JEPICO Corporation  
Shinjuku Front Tower  
21-1, Kita-Shinjuku 2-Chome  
Shinjuku-Ku, Tokyo 169-0074  
Japan  
www.jepico.co.jp/english/contact  
www.jepico.co.jp/english

## REPRESENTATION

### Sweden

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Dalagatan 4  
573 42 Tranas  
Sweden  
Phone +46 75 242 41 00  
info@oem.se  
www.oem.se/en

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Phone + 48 602 211 405  
krzysztof.pilip@kabel-projekt.com  
www.kabel-projekt.pl

## REPRESENTATION

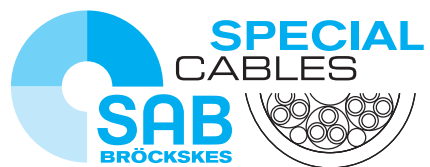
### Israel

TransElectric  
27 Shaked Street,  
Hevel Modiin Industrial Park  
7319900 Shoham  
Israel  
Phone +972 73 2336600  
info-tig@ti-group.co.il  
ti-group.co.il

## REPRESENTATION

### Finland

OEM Finland Oy  
Cable Department  
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info@oem.fi  
www.oem.fi



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