

Product Catalog



SWELEX

**World Class Solutions.
Close Connections.**



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Where knowledge meets innovation.

Swelex AB is the result of a successful merger of three companies: Stig Wahlström Elektronik AB, SATCO Komponent AB, and Jolex AB. As of 2026, Stig Wahlström Automatik AB is also part of Swelex, further strengthening our offering within industry, automation, and technical system solutions.

Since 1951, our continuous drive has been to provide the industry with unmatched technical solutions. Our specialist expertise is reinforced through close partnerships with world-leading component suppliers. Together, we are dedicated to delivering high-quality electronics and automation solutions to our customers across a wide range of industries.

Stig Wahlström AB is formed with the ambition to offer the Swedish industry the best possible technical solutions.

1951

SATT sets up a subsidiary called **SATCO**. In 1988 the name is changed to **SATCO Komponent AB**.

1972

Stig Wahlström AB is acquired by **Addtech**.

2003

SATCO Komponent AB is merged into **Stig Wahlström Elektronik**.

2021

1990

Jolex AB is founded and offers a wide range of EMC products, shielding products and thermal products.

2010

Stig Wahlström AB is divided into three companies and **Stig Wahlström Elektronik AB** is formed.

2022

Jolex AB is merged into **Stig Wahlström Elektronik AB**.

With three companies united under one roof, **2023** we welcome the new era by changing our name to **Swelex AB**.

Stig Wahlström Automatik AB is merged into **Swelex AB**.

2026

→ Our Business Areas

We are dedicated to offering high-quality products across a diverse spectrum of markets within the field of connectivity technology.



HVAC



TRANSPORT / RAIL



MEDTECH



AVIATION / SPACE / DEFENCE



ENERGY



INDUSTRY



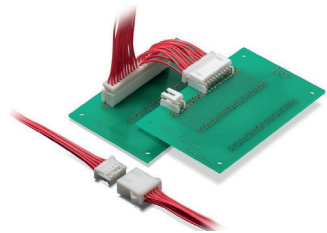
SECURITY



IT / TELECOM

→ Connectors

We provide precision-engineered connector solutions tailored for specific applications for Industrial, Defence, Transport, Space, Electronics, Special Vehicles, Communications, Security Cameras, Instruments, IoT and Automation. Our range encompasses advanced hybrid connectors to micro-miniature connectors.



BOARD TO WIRE
/ WIRE TO WIRE



RECTANGULAR
CONNECTORS



RF
/ COAXIAL CONNECTOR



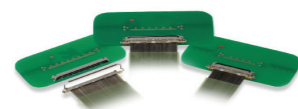
FFC
/ FPC CONNECTORS



MICRO-D
/ NANO-D CONNECTORS



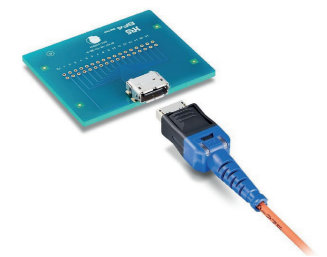
POWER
CONNECTORS



HIGH SPEED
CONNECTORS



SPRING PROBES



FIBER OPTIC
CONNECTOR



MODULAR
CONNECTORS



CIRCULAR
CONNECTORS



BOARD TO BOARD
/ BOARD TO FPC



BACKSHELLS



CONNECTOR
ACCESSORIES



MIL-C 38999

→ Cabling & Connectivity

Apart from offering standardized products Swelex specializes in designing and manufacturing customized cable assemblies tailored to your needs. With our experience we guide you through the entire development process, from idea to finished product.



STANDARD I/O CABLE



POWER CABLE



HIGH-VOLTAGE CABLE



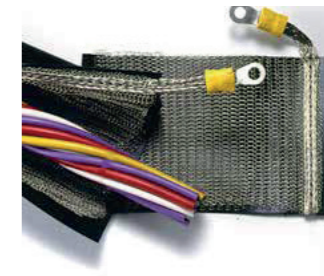
MICRO-COAXIAL LVDS CABLE



HYBRID CABLE



PATCH CABLE



SHIELDED/EMC-PROTECTED
CABLE



INTERNAL CABLE



AUTOMATION CABLE



FFC/FPC



SPACE CABLE HARNESS



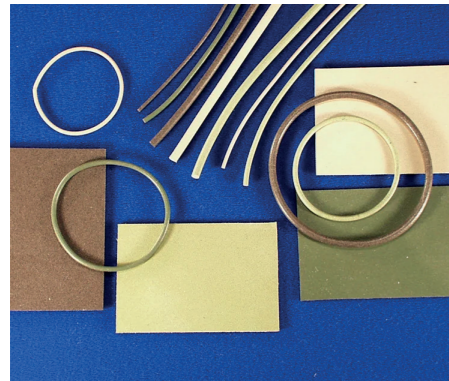
RF & COAXIAL CABLE



SPACE COMPLIANT CABLE

→ Shielding & Filtering (EMC/RFI/EMI)

Materials and components for electromagnetic compatibility and protection against interference. Includes gaskets, filters, absorber materials, shielded windows and fully customized EMC solutions.



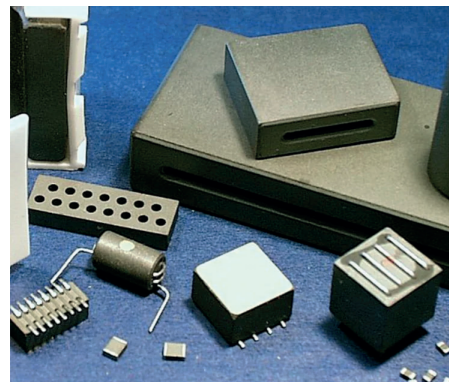
CONDUCTIVE GASKETS & SEALS



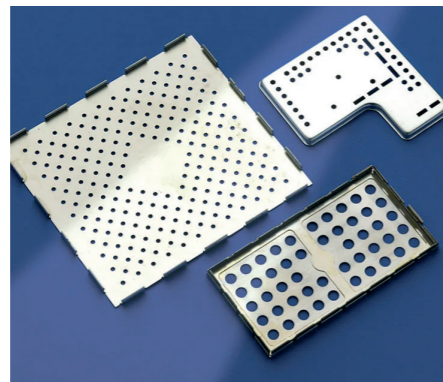
CONDUCTIVE MATERIALS, TAPE & ADHESIVES



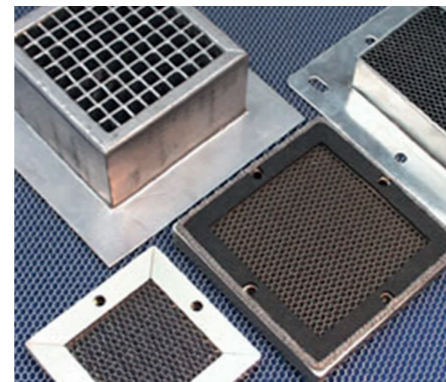
CABLE SHIELDING & GROUNDING



EMI/RFI ABSORBING MATERIALS



SHIELDING CANS & MECHANICAL ENCLOSURES



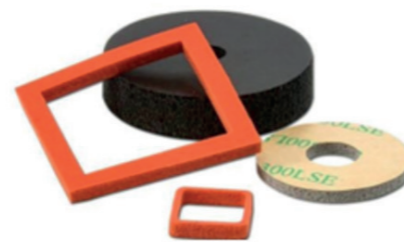
VENTILATION & HONEYCOMB SOLUTIONS



SHIELDED WINDOWS, DOORS & ROOMS



EMC FILTER & SURGE /TRANSIENT PROTECTION



INSULATED MATERIALS & DIELECTRIC PLASTICS

→ Sensors & Measurement Technology

Sensors and measurement technology enable accurate monitoring of pressure, flow, level, temperature, motion and position for reliable industrial control.



PRESSURE SENSOR



DIFFERENTIAL PRESSURE SENSOR



PRESSURE GAUGE



FLOW SENSOR



FLOW METER



LEVEL SENSOR



LEVEL SWITCH



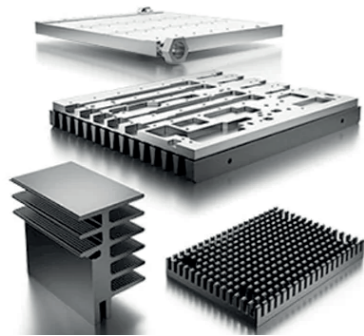
TEMPERATURE SENSORS & CONTROLLERS



FORCE, MOTION & POSITION SENSORS

→ Thermal management

Thermal solutions for heat dissipation, cooling and temperature control, ensuring reliable performance and extended lifetime in demanding applications.



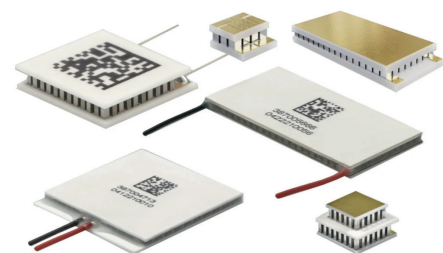
HEAT SINKS & PASSIVE COOLING



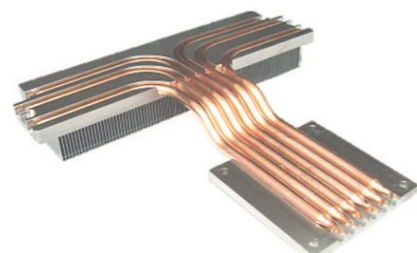
THERMAL INTERFACE MATERIALS (TIMS)



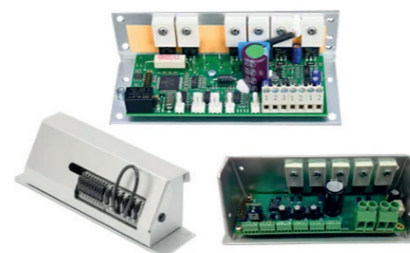
LIQUID COOLING & HEAT EXCHANGERS



THERMOELECTRIC COOLING SYSTEMS (PELTIER/TEC)



HEAT PIPES & ADVANCED COOLING PROFILES



TEMPERATURE CONTROL & CONTROLLERS



THERMAL MANAGEMENT SYSTEMS & UNITS

→ Cooling Fans & Airflow Solutions

High-performance airflow solutions designed to enhance cooling efficiency, protect sensitive electronics and ensure reliable operation in industrial medical and harsh-environment applications.



AXIAL FANS (DC/AC)



CENTRIFUGAL FANS & BLOWERS



FILTER FANS & ENCLOSURE COOLING



SIDE-CHANNEL FANS



COMPRESSOR & VACUUM SOLUTIONS



IP-RATED DESIGNS



COMPRESSOR SYSTEM

→ Power supplies and Relays

Efficient, reliable solutions for power delivery, voltage conversion and protection, ensuring stable operation in demanding industrial, medical, energy and defence systems.



AC/DC POWER SUPPLIES
DIN-RAILS



AC/DC POWER SUPPLIES
PANEL MOUNT



AC/DC POWER SUPPLIES
OPEN FRAME



CONFIGURABLE AC/DC



DC/DC CONVERTERS



RELAYS AND SWITCHING COMPONENTS



BATTERY & UPS SOLUTIONS



ENERGY MONITORING & CONTROL

→ Electronic Enclosures & Accessories

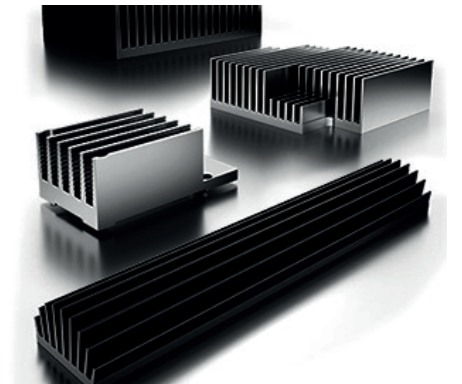
Electronic enclosures and accessories protect and integrate electronics in harsh environments: aluminium housings, front panels, heat sinks, IP-rated enclosures, mounting hardware, custom machining, and vibration-damping protection materials.



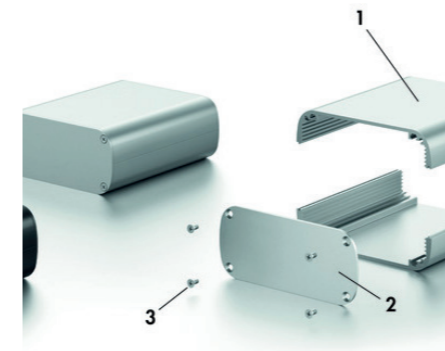
ALUMINIUM HOUSINGS & PROFILE
ENCLOSURES



FRONT PANELS & MECHANICAL PARTS



HEAT SINKS & COMBINED HOUSINGS



IP-RATED INSTRUMENT CASES &
ENCLOSURES



ACCESSORIES & MOUNTING
COMPONENTS



VIBRATION DAMPING & PROTECTIVE
MATERIALS

→ Automation Components, Control Systems & Drive Solutions

Advanced automation components, control systems and drive technologies designed to optimize performance, reliability and energy efficiency in industrial and power applications. Engineered for precise control, seamless integration and long-term operational stability.



ELECTRICAL COMPONENTS & INSTALLATION TECHNOLOGY



AUTOMATION COMPONENTS & CONTROL SYSTEMS



SENSORS & TRANSDUCERS



ENERGY MONITORING & MEASUREMENT INSTRUMENTS

→ RF & Microwave

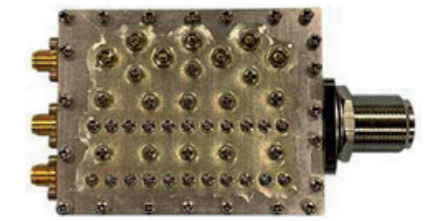
RF and microwave components enable robust high-frequency links for wireless systems, radar and test setups, spanning coax, connectors, filters, switches, antennas, shielding materials and custom integration.



RF CONNECTORS & ADAPTERS



RF & COAXIAL CABLE ASSEMBLIES



MICROWAVE COMPONENTS & FILTERS



HIGH POWER TX/RX SWITCHES



ANTENNAS & FEED SOLUTIONS



RF ABSORBING MATERIALS & SHIELDING



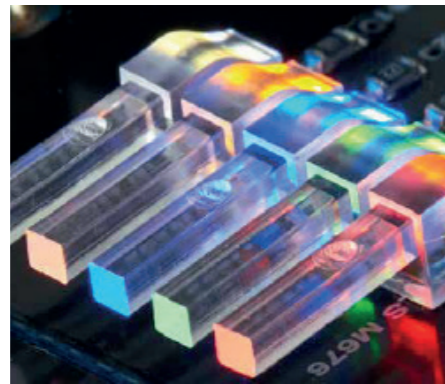
FILTER

➔ Visual Indication & Lighting Components

Visual indication and lighting components enhance machine usability and safety, providing clear status feedback through LEDs, light guides, stack lights and beacons, supported by robust mounting and accessories.



PANEL INDICATORS & LED COMPONENTS



LIGHT GUIDES & HMI LIGHTING



PLASTIC, METAL KNOBS & MECHANICAL COMPONENTS



SIGNAL BEACON



LED WORK LIGHT



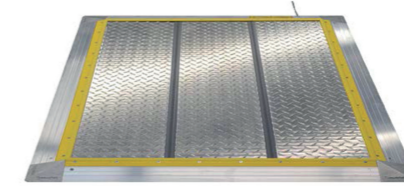
WARNING LIGHT

➔ Protective & Safety Products

Protective and safety products designed to prevent personal injury and machine damage using pressure, light or sensor-based technologies, including monitoring accessories and fully customized solutions for industrial environments.



INDUSTRIAL SAFETY MATS



ALUMINUM SAFETY MATS



RIBBON SWITCHES



SENSING EDGES



SENSING BUMPERS



EMERGENCY SWITCH



NETWORK SIGNAL TOWER



EXPLOSION-PROOF SIGNAL TOWER



STACK/TOWER LIGHTS

→ System Solutions & Production

Custom system solutions, cable assemblies and electronics integration, from prototype to full-scale production. We support industrial and technical applications with flexible, reliable and quality-assured manufacturing. From our facilities in Farsta and Gävle, we deliver complete solutions tailored to your requirements.

How we work

- Technical review & requirements
- Design, CAD & prototyping
- Testing & verification
- Production & assembly
- Logistics & after-sales support



What we offer

CABLE ASSEMBLIES

Custom cable assemblies for signal, power and demanding environments. Flexible solutions for seamless system integration.

ELECTRONICS INTEGRATION

Assembly and integration of electronics, PCBs and modules. High precision with full quality control.

PROTOTYPING & DEVELOPMENT

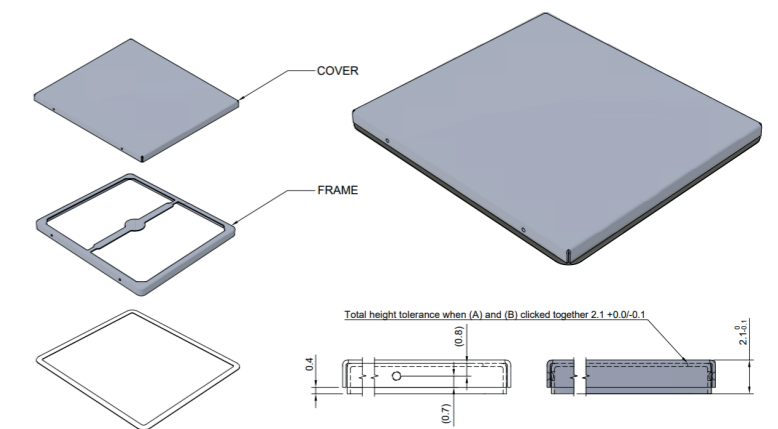
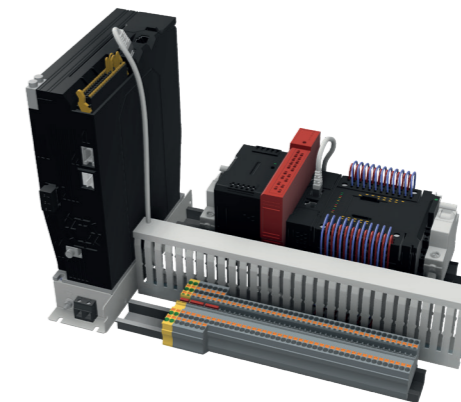
Fast prototyping for testing and validation. From concept to functional product.

QUALITY & TESTING

Comprehensive testing, documentation and traceability. Ensuring reliability in demanding applications.

→ Application Examples

A selection of customized solutions developed and manufactured for industrial and technical applications.





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