



Apricum

KNX device manufacturing excellence





Apricum

TU

The FUTURE is SMART

Apricum is a premier manufacturer of KNX devices in Southeast Europe. Located at our production plant in Split, Croatia, we produce top-of-the-line KNX devices at a competitive price-performance ratio. Over the years, we have cultivated close collaborations with international clients, resulting in high levels of satisfaction and long-term partnerships with manufacturers, wholesalers, KNX planners, and integrators.

Since our inception, we have consistently met the stringent quality requirements of leading manufacturers through various audits and have obtained official ISO 9001:2015 certification.

These accomplishments serve as the foundation for our continuous improvement and refinement of quality standards. The Apricum team undergoes regular retraining according to IPC specifications to ensure our commitment to quality, adherence to deadlines, and reliability in all production processes. Additionally, we continuously upgrade our production lines and testing equipment.

Upgrade to smart living today! Smart technology from Apricum is available directly or through authorized wholesalers and specialist trade partners.



INTERFACES

KNX USB Interface

The KNX USB interface UIMtp establishes a data connection between PC e.g. ETS and KNX installation.

i Works with Secure Devices

2 SU



NEW

1 SU



system devices

NEW

1 SU



2 SU



KNX
SECURE

KNX
SECURE

KNX IP Interface secure with tunneling channels

UIMip-Sec connects the PC (e.g. ETS) to the KNX bus for commissioning and monitoring over IP. The UIMip-Sec protects the tunnelling protocol by using KNX IP secure.



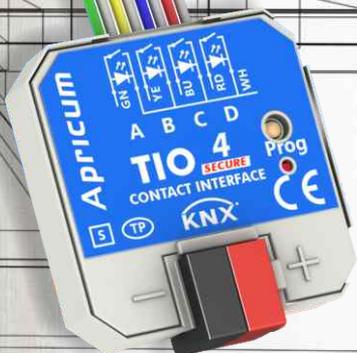
KNX USB Interface for RF

USB Interface Device for KNX RF Ready S-Mode. UIMrf enables easy access to KNX RF S-mode bus devices via RF.



Works with Secure Devices

KNX



Secure 4 fold Push Button Interface with status outputs

The 4-fold push-button interface TIO4-Sec is the further development of the well-known TAI4. TIO4-Sec now also supports KNX Data Secure. The channels of TIO4-Sec can be used as outputs to reflect LEDs' status .

MEDIA COUPLER

2 SU

NEW

KNX IP Router secure with routing and tunneling interface

MECip-Sec connects a KNX TP line to a KNXnet/IP Backbone. Communication, tunneling connections and configuration settings are protected by the KNX Data Secure and KNX IP Secure mechanisms.

1 SU



NEW

2 SU

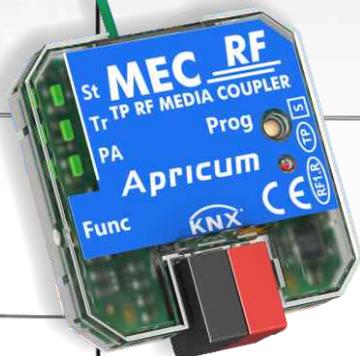
1 SU

KNX Line/Area/Segment Coupler secure

MECtp-Sec connects KNX segments (lines, areas). It provides various routing filters for group and individual telegrams. The MECtp-Sec supports encrypted configuration using KNX Data Secure .



system devices



KNX RF Media Coupler for RF ready S-mode

Line coupler MECrf connects a
KNX TP-line to a KNX-RF-subline.

building

POWER SUPPLIES

Intelligent 640mA KNX Power Supply with diagnostic function

The compact KNX power supply IPS640 features a choked and an unchoked output. For diagnostic purposes, bus voltage, output current, device temperature and several times of operation are monitored.



system devices



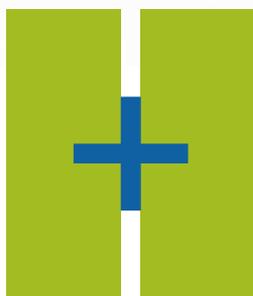
640mA KNX Power Supply with auxillary output

Efficient power supply for reliable supply of the KNX bus line.

intelligent



2 devices in 1 housing



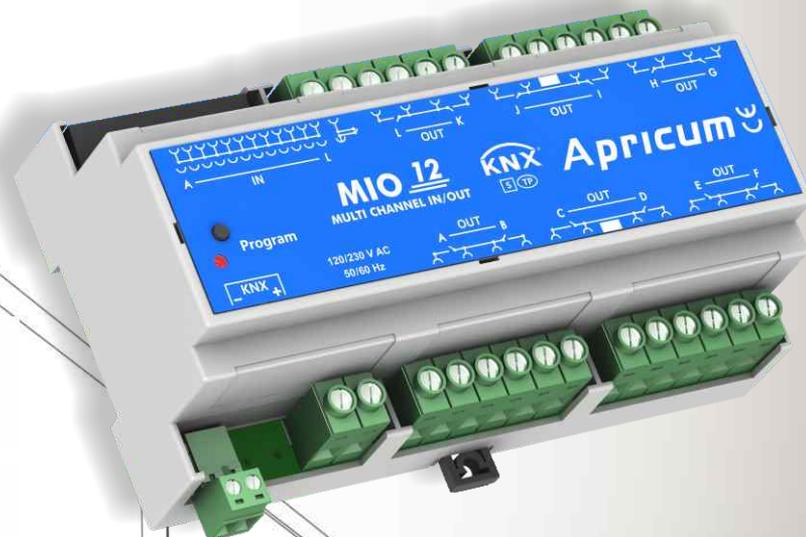
Line-/Area Coupler with integrated 640mA KNX power supply

The new compact MECps640 merges the functionalities of two system devices. Beside the line coupler function, it also powers the KNX TP subline.

INPUT / OUTPUT

12 fold Switching Actuator with 12 inputs

The MIO12 is a device with 12-channel output and 12-channel binary input. It is to be mounted in the distribution board. It can control 12 independent loads with max. 16A per channel.



system
devices

NEW

Combi actuators

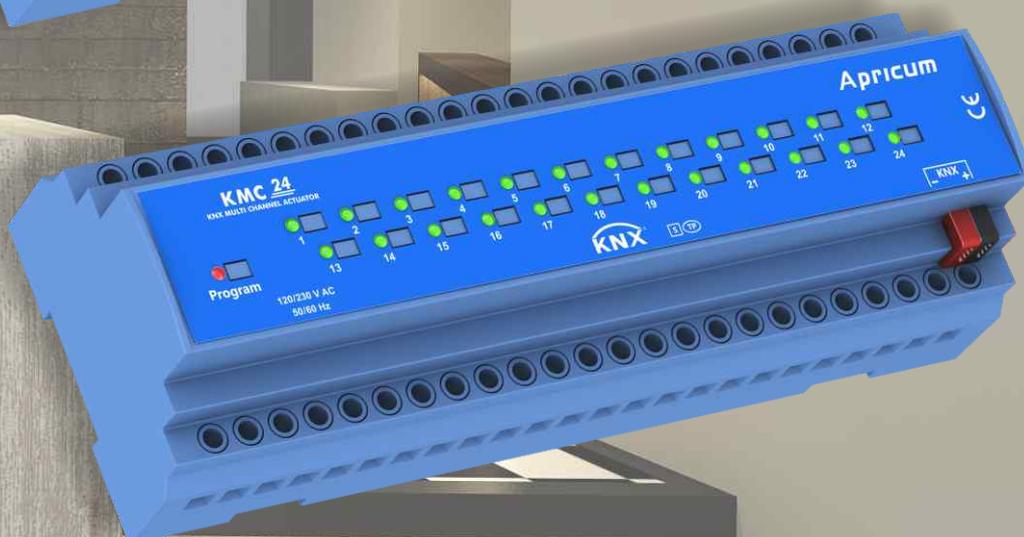
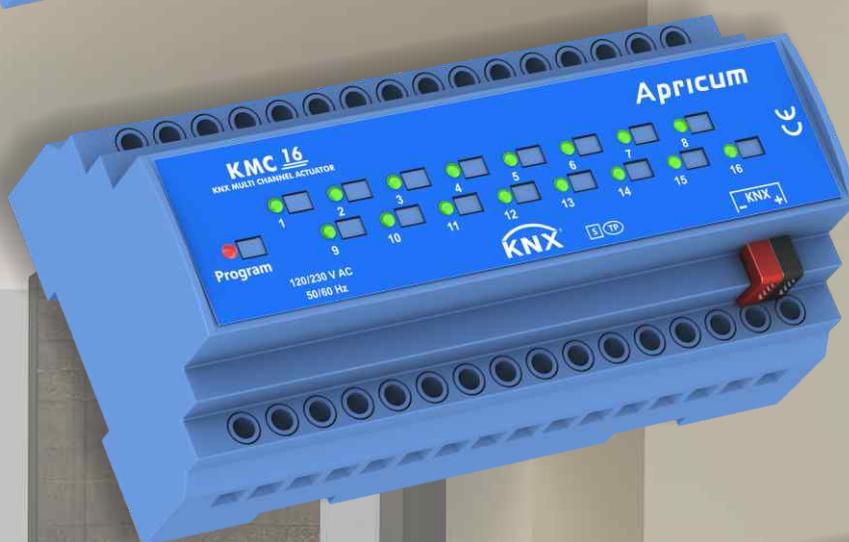
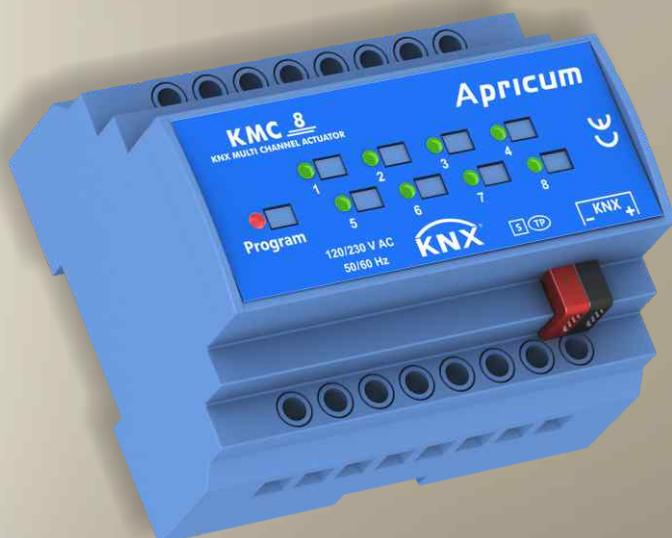
Configurable outputs as switching actuator, for fan, shutter and blind control.

Functions for each output:

- Delay
- Staircase function
- Scenes
- Flashing light
- Logic functions

Manual control possible using buttons on the device

No external power supply required, supply via KNX bus.



smart

room

Type	Outputs	DIN Rail (SU)
KMC8	8	6
KMC16	16	10
KMC24	24	15

New Products:
Delivery dates on request

SENSOR

flatdesign

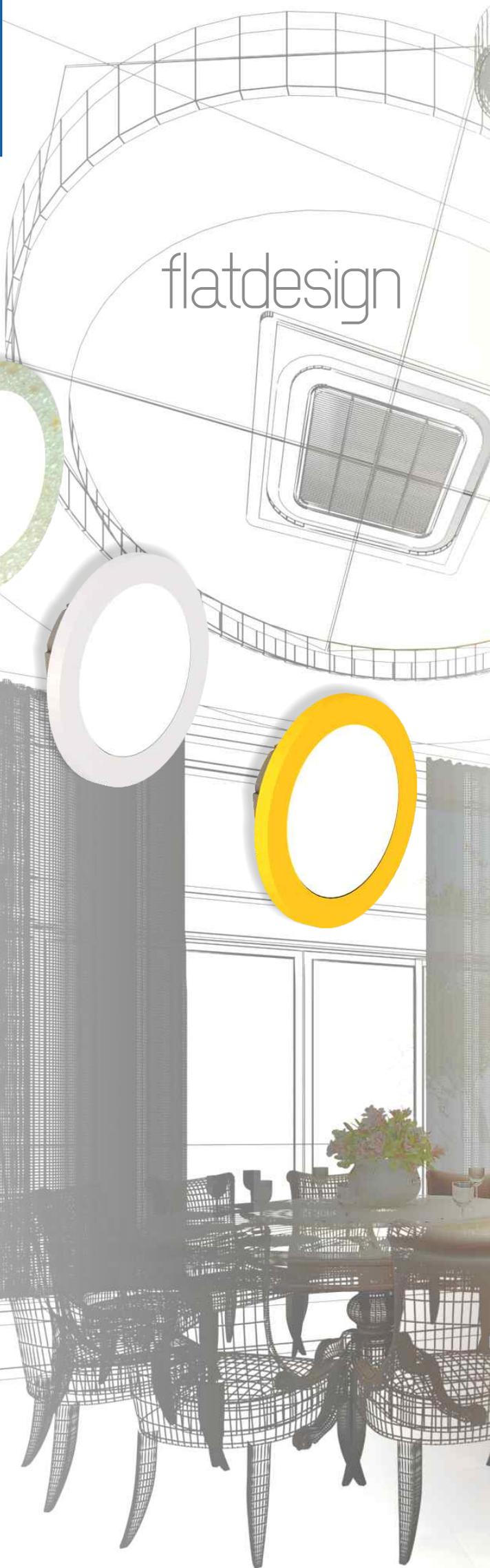
NEW

Ceiling-mount presence detector

Ultra-flat KNX
presence detector
for ceiling installation

4 PIR sensors with 360°
detection range

Multiple colors, including stone and wood finish





NEW

**Wall-mount
motion detector**

Ultra-flat KNX
motion detector for standard
55mm switch ranges

1 PIR sensor with 120°
detection range

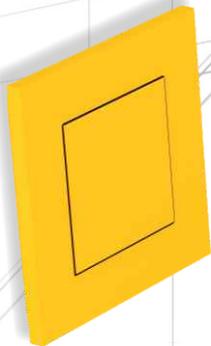
interior

New Products:
Delivery dates on request

SWITCH

NEW

Touch-Switch



Touch sensor for standard 55mm switch range

The touch area is configurable to individual choices



**RF Switch
battery-less**

architectur

Push-Button



Single or double rocker for standard 55mm switch range

The push buttons are configurable for various functions

Multiple colors,
including stone
and wood finish

For most 55mm frames

DISPLAY

NEW

Touch-Display



240x240 px color display for standard 55mm switch ranges

Full-surface touch with short/long key recognition and gesture recognition



55,00 mm

55,00 mm



New Products:
Delivery dates on request

TRAINING CENTER

Apricum Academy

By leveraging the global KNX standard, buildings' devices can be intelligently interconnected. At our training centers, specialists acquire the essential KNX expertise required for project planning, installation, commissioning, and troubleshooting of KNX systems.

Upon completion of each course, you will gain a deeper understanding of KNX theory. Through practical exercises, you will engage with and experience the functions and solutions of KNX devices in real-world scenarios. Our experienced KNX trainers will also guide you on the professional utilization of the ETS commissioning software.



Training courses

KNX Basic, KNX Advanced, KNX HVAC Specialist, KNX Tutor



Duration

40 hours (20hrs theory class and 20hrs of practical sessions) The training course contains lectures, live presentations and practical exercises.



Location

Regensburg (DE), Split (CRO), Belgrade (RS), Sarajevo & Široki Brijeg (BiH), Podgorica & Ulcinj (MNE).



Target group

E-Planners (Electrical planners), KNX Supporters, System Integrators and future KNX Professionals



Upon completion of the training

You will receive a recognized KNX certificate and will be listed as "KNX Professional" in the official KNX homepage (www.knx.org).



your knx championship

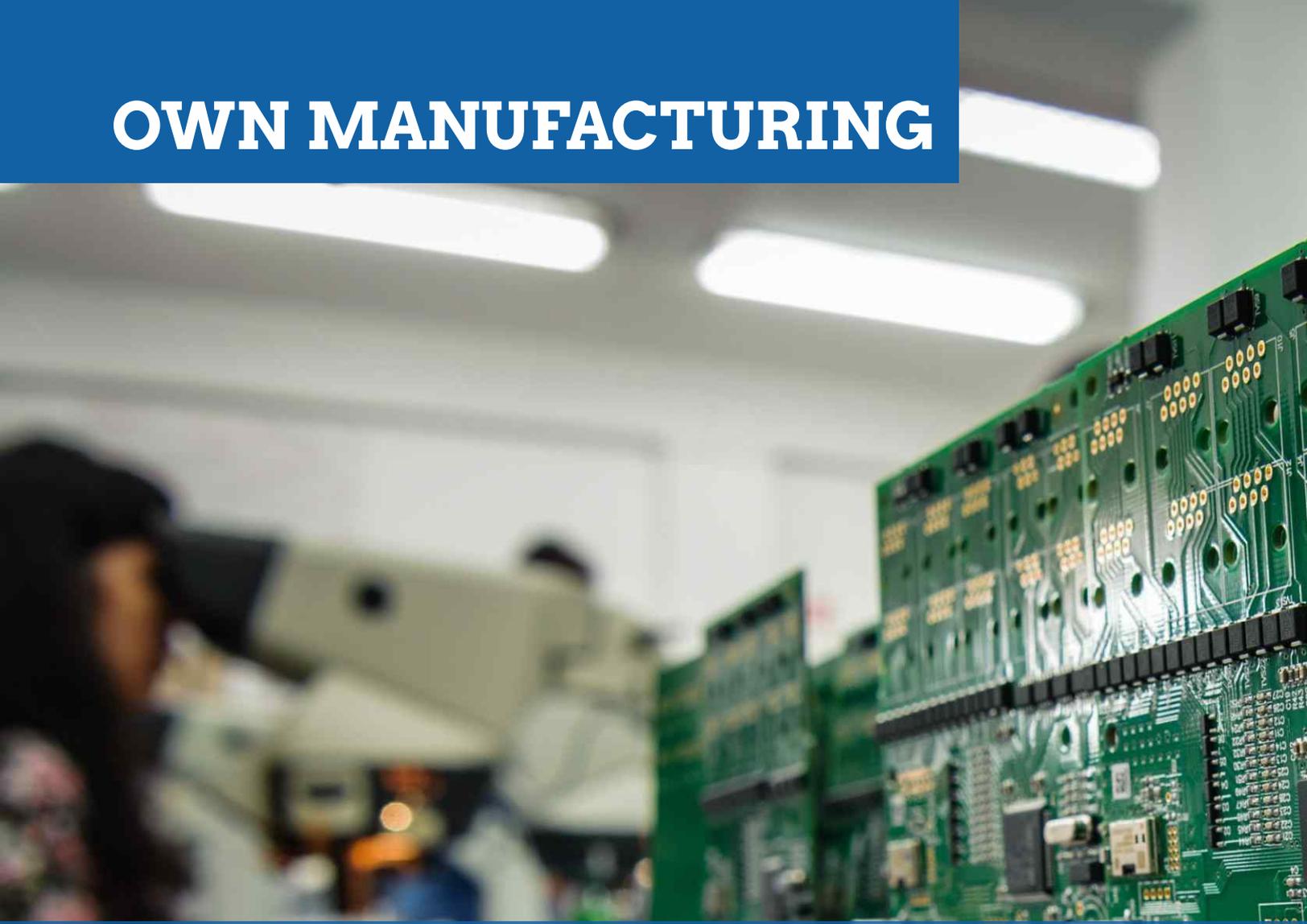


**GET
CERTIFIED**

Become a KNX Professional

Whether you're a beginner aiming to become a KNX Partner or an experienced professional seeking to advance your knowledge, we offer a range of courses to help you unlock exciting career opportunities.

OWN MANUFACTURING



At Apricum, we understand the importance of efficiency and timely delivery. That's why our facility boasts two SMT (Surface Mount Technology) lines, each equipped with three "Universal" pick and place machines in line. This cutting-edge setup enables high-volume production capabilities, ensuring your orders are processed efficiently and delivered on time.

With over 15 years of industry experience and a proven track record, we take immense pride in our unwavering commitment to excellence. Our highly skilled technicians, supported by state-of-the-art automated machinery, guarantee that your PCBs are assembled to the highest industry standards.

We can assemble components of any size, starting from 0603 (0201 imperial), including BGAs, QFNs, QFPs, as well as modules such as GSM and GPS devices. Our precision and attention to detail ensure flawless assembly, even for the most complex components.

Quality assurance is paramount to us. Our IPC-trained personnel diligently oversee the assembly process, providing an additional layer of expertise and precision. Your PCBs will meet and surpass IPC-610 Class 3 standards, along with automatic testing equipment for comprehensive quality assurance, giving you the peace of mind you deserve.

Additionally, we utilize cutting-edge technologies for inspections, including X-ray, AOI (Automated Optical Inspection), and IPC Class 3 visual inspection. These advanced inspection methods guarantee the highest level of precision and reliability for your critical projects.

Choose Apricum KNX as your trusted European partner, our local expertise combined with global standards ensures unparalleled results for your projects.



CROATIA

Apricum

SPLIT

Serving customers globally from the heart of Europe



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