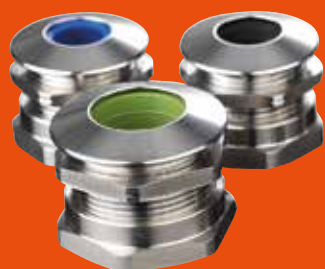
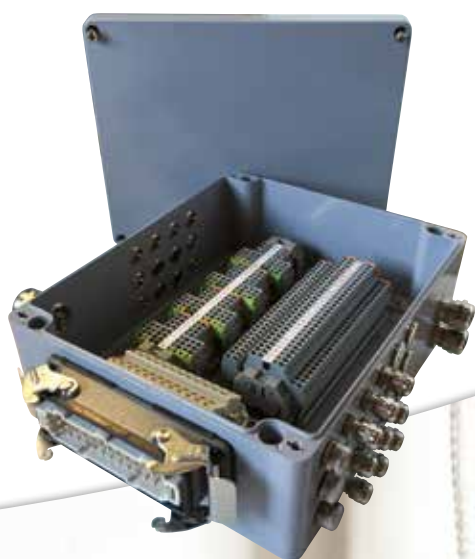


LEADING EXPERT IN  
ELECTROMECHANICAL PRODUCTS





# PERFECT MAKES **BOXCO!**

Since its inception in July 2004, BOXCO AB had the privilege of staying in the tradition-bound and now heritage-protected industrial buildings on Bolinderstrand just by the waterfront in Järfälla, 20km West of Stockholm.

BOXCO AB offers one of the widest and best ranges of electromechanical products for the manufacturing industry.

*“Customer Satisfaction is our guiding principle in the work to sell electromechanical products to Nordic industry”*

By expanding our product range together with our customers and suppliers, we create a secure future for the Nordic industry.

BOXCO AB will work long term and grow together with our customers.

WITH OUR PRODUCT GROUPS WE OFFER OUR CUSTOMERS PRODUCTS FROM SOME OF THE WORLDS STRONGEST MANUFACTURERS.

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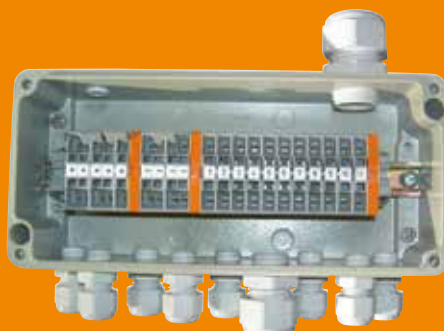
## CUSTOM MADE – READY TO INSTALL!

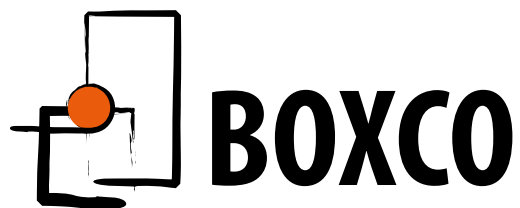
BOXCO AB is the perfect partner to have a “ready-to-install” product. We supply a number of custom made products according to our customers needs. To have ONE supplier that deliver a “ready-to-install” product has several advantages in handling and in logistic.

We supply Enclosures in almost all RAL colors, machined according to drawing, engraved or screen printed, EMC or Ex versions. We build and mount terminals row's and cable glands according to your instructions.

We print your unique marking on Heat shrink tubing or supply just plain cut pieces.

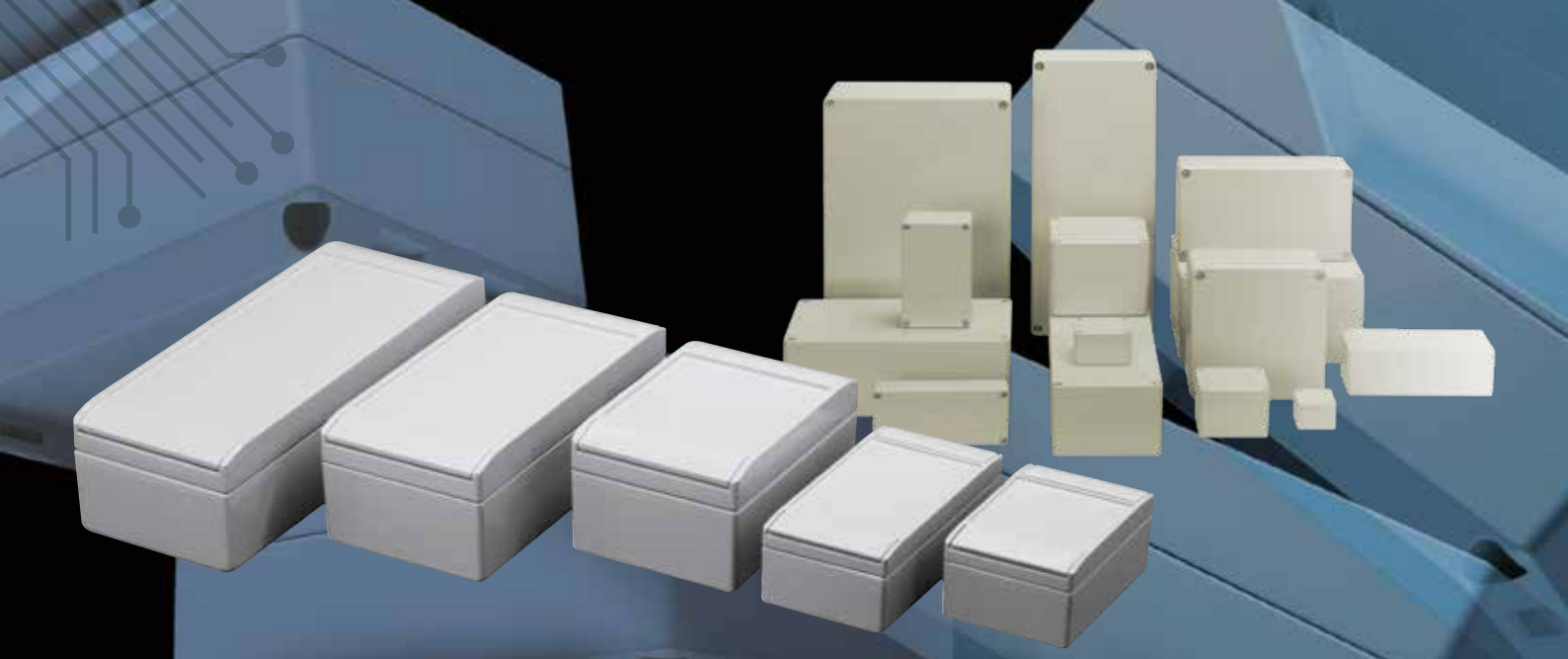
Together with us we find the best solution according to YOUR CHOICE!





# ENCLOSURES





## *"More than 500 sizes and versions of Aluminium die-cast Enclosures"*

BOXCO are experts in Enclosures to protect electronics and terminals. BOXCO's Enclosures is available in a variety of material types. The Enclosures are designed to operate at a high protection class from IP20 up to IP69K. The product range varies from economical commercial Enclosures to high technology advanced options.

BOXCO has got one of the widest ranges of Enclosures, from die-cast Aluminium, ABS, Polycarbonate, glass-fibre reinforced Polyester to steel and stainless steel Enclosures.

Enclosures from BOXCO are available in versions as; EMC, Ex and customized Enclosures. All our Enclosures can be supplied machined from customer drawings,

### OPTIONS

- Terminal Enclosures
- Instrument Enclosures
- Command Enclosures
- Display Enclosures
- Handheld Enclosures
- EMC Enclosures
- EX Enclosures
- Suspension Systems
- Snap-on Enclosures
- Aluminum profile Enclosures
- Protection class from IP20 to IP69K
- Accessories

### MATERIALS

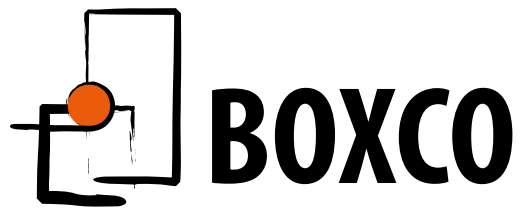
- Aluminium (GD AL SI 12)
- Thermoplastic ASA LURAN® S, VO
- ABS, Halogen-free
- Polycarbonate
- Polyester glass-reinforced, halogen free
- Stainless steel 1.4301 (AISI304) A2
- Stainless steel 1.4404 (AISI316L) A4
- Steel, pre-galvanized

### OPTIONS

- Drilling
- Milling
- Powder-coating
- Painting
- Engraving
- Screen-printing







# HMI PANEL ENCLOSURES AND CABINETS





*"Customized solutions are our passion  
– only the imagination limit us"*

BOXCO HMI Panel enclosures and Cabinets are available in standard sizes as well as fully customized to fulfil your unique need and application. The products are developed to operate in different environments and with different protection classes up to IP69K.

The HMI panels are available in two versions, multiPANEL & profiPANEL, there is a large variation of depth with single profile or double profile system with hinges. On our web you find configurators for the HMI panel enclosures for easy requests.

The Cabinets are available as modular, compact, wall mounted or freestanding equipped with mounting plates, heaters, thermostats, coolers, fans or other requested features like EMC shielded or with ATEX approval.

#### multiPANEL – HMI IN STAINLESS STEEL

- Customized sizes
- 3 different front installation options
- Sizes from 150x150mm up to 800x800mm
- Protection class: IP65 – EN 605 29
- 2 different depths, 70 & 85mm
- Available with a variety of accessories

#### profiPANEL – HMI IN ALUMINIUM

- Customized sizes
- 2 different front installation options
- Sizes from 150x150mm up to 800x800mm
- Protection class: IP65 – EN 605 29
- 8 different depths from 60 – 300mm
- Available with a variety of accessories

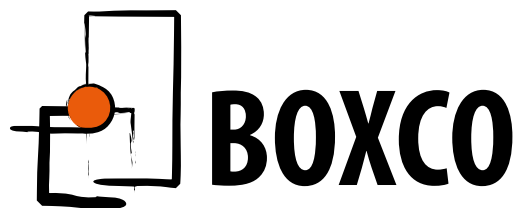
#### CABINETS IN STEEL / STAINLESS

- More than 50 sizes as standard
- NEMA TYPE 4(X), IK10
- Complete with mounting plate
- Protection class: IP66 – EN 605 29
- Customisation capabilities
- Available with a variety of accessories

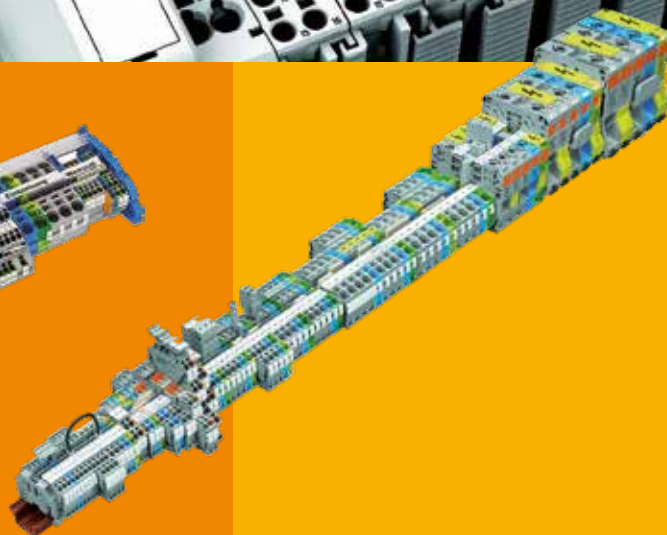
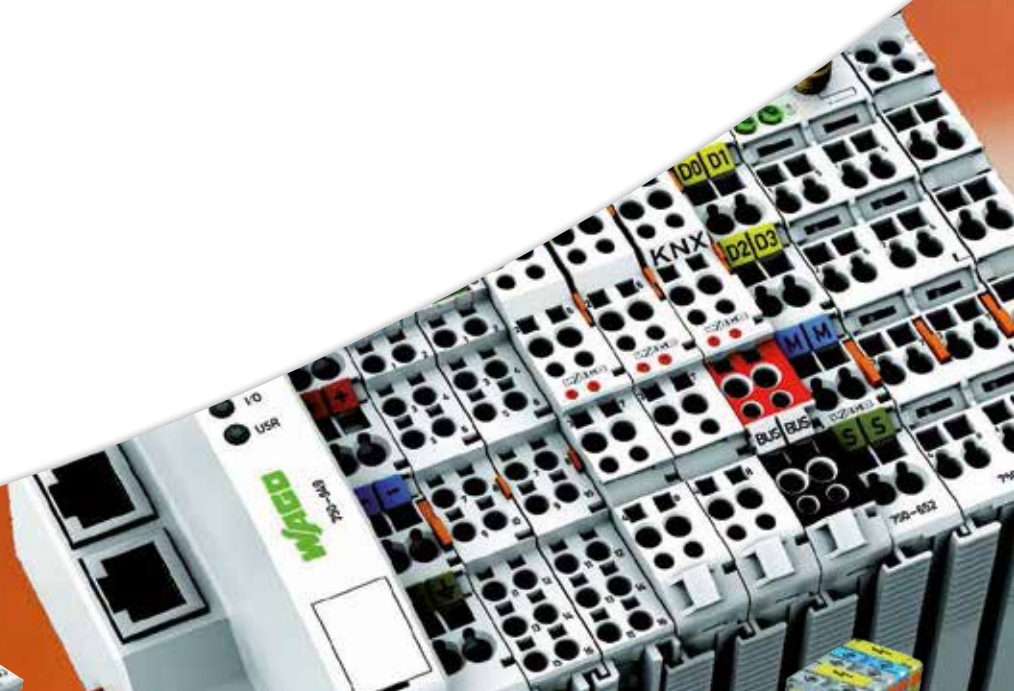
Our Stainless-steel Enclosure/Cabinets are manufactured in AISI304 and, on demand, in AISI316 the stainless steel solutions have been designed for applications in highly corrosive environments, such as food processing, chemical and pharmaceutical industries, outdoor and marine installations.

**Please contact our office for more information and calculation for your future HMI panel or Cabinet.**





# TERMINAL BLOCKS







## *"Push your performance to the top"*

BOXCO AB is distributing WAGO terminal product range. The well known spring technology invented over 50 years ago has created one of the worlds widest ranges of terminals, with a cross-section from 0.08mm<sup>2</sup> to 185mm<sup>2</sup>, and complementary products. The team from WAGO is still creating NEW and improved products to make sure that our customers always have the possibilities to lead the industrial development.

The technology of CAGE CLAMP®, CAGE CLAMP S® and Push-in CAGE CLAMP® are universal connection technologies for solid, stranded and fine-stranded conductors that have proven themselves billions of times worldwide.

### **HIGH-PERFORMANCE - RELIABILITY - EFFICIENCY.**

For more than 50 years, these characteristics have earned the maintenance-free WAGO CAGE CLAMP® Spring Pressure Connection Technology a worldwide reputation for quality.

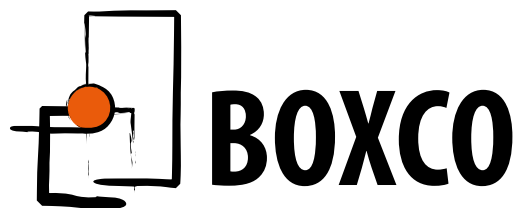
In the face of increasing global competition, WAGO customers worldwide have benefited from greater productivity from maintenance-free and time saving operations.

### **VIBRATION - PROOF FAST - MAINTENANCE-FREE!**

### **THE WAGO SELECTION INCLUDES TERMINAL CONNECTIONS AND ACCESSORIES AS:**

- Rain-mounted Terminal block Systems
- PCB Terminals blocks and Connectors
- Power Supply's, Converters
- Pluggable Connection Systems WINSTA®
- Relay modules
- Patchboard systems
- Large cross-section range of 0.08mm<sup>2</sup> to 185mm<sup>2</sup>
- Fuse terminals
- Test and electric motor wiring terminals
- Pluggable terminal blocks
- Wire range 0.08mm<sup>2</sup> to 185mm<sup>2</sup>
- Automation I/O system
- Surface mounted Terminals
- Electrical Interconnections
- Interface Electronics
- Transducers
- Modular Terminal blocks
- Double- and triple-deck terminal
- Disconnect Terminals
- Diode and LED terminal blocks
- Gastight connection
- ATEX - IEC Ex





# CABLE GLANDS





## *"Leading expert in Cable Glands for any purpose"*

BOXCO are experts in Cable Glands and other products "around" the cable.

BOXCO's Cable Glands is available in a variety of material types designed to operate at a protection class from IP20 up to IP69K – Temperature range from -40°C to 200°C. The product range varies from economical commercial Cable Glands to high technology advanced options.

BOXCO has got one of the widest ranges of Cable Glands, from regular plastic and brass nickel plated to advanced EMC, Ex and customized Cable Glands.

Cable Glands, our customers only need one supplier, BOXCO!

### MATERIALS

- PA (Nylon)
- PA (Nylon), glass.fibre reinforced
- Agromid®, glass-fibre reinforced
- PVDF
- FPM (Viton ®)
- Brass
- Brass, nickel plated
- Stainless steel (1.4305)
- Stainless steel CrNiMo (Din 1.4435)
- Stainless steel CrNiMo (Din 1.4571)

### THREADS

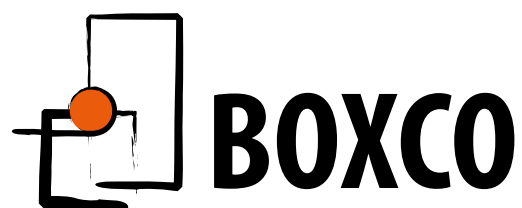
- Metric thread ISO acc. to EN 60423
- PG thread acc. to EN 40430
- NPT thread (Conical) acc. to ANSI B1.20.1
- Gas pipe thread acc. to ISO 228-1

### RANGE

- Standard (plastic & metal)
- Multi holed inserts
- EMC
- Atex
- Atex/EMC
- Locknuts
- Stopping plugs
- Blind discs
- Adaptors
- Enlargers
- Reducers
- Extra Traction relief
- Bend protection
- High temperature
- Chemical resistant







# SIGNAL TECHNOLOGY





*"We make sure you are seen and heard"*

BOXCO's Signal Technology is available in a variety of types, colors and sounds designed to operate and notify its surroundings. Our signal devices make working environments safe and processes efficient.

BOXCO has got one of the widest ranges of Signal Technology for static applications to moving applications, from regular plastic to advanced EMC and ATEX. Special light to illuminate an obstacle like, chimneys, towers, masts and bridges - of course we do customized solutions as well.

The product range varies from single optical-lights/towers to combine with audible elements to high technology advanced options. Protection class from IP10 up to IP67.

This wide range cover all industries, so when you think of optical-alert and/or audio-alert, think - BOXCO!

#### OPTICAL DEVICES

- Permanent
- Flashing
- Blinking
- Rotating
- LED
- Bulb
- Multicolor
- Traffic light
- Mirror beacon
- Modular towers
- Obstruction light (LED)
- Towers with up to 5 colors
- Customized with any RAL-color

#### AUDIBLE / SIGNAL DEVICES

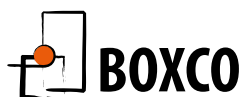
- Multi tone sounder
- Signal horn
- Buzzers
- Siren
- Signal horn
- Vocal element (mp3)
- USB Interface

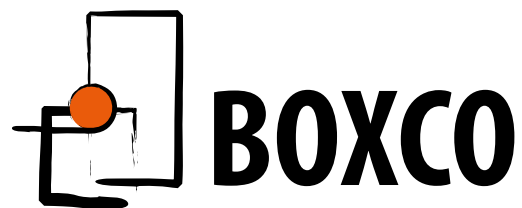
#### RANGE

- Beacons
- GMS-Transmitter element
- WIN - Wireless Information Network
- Reflect (Tower-to-Tower)
- Vocal element (mp3)
- Innovative design
- EX-environment
- Temperature resistant
- Several products awarded with Red Dot Design Award!

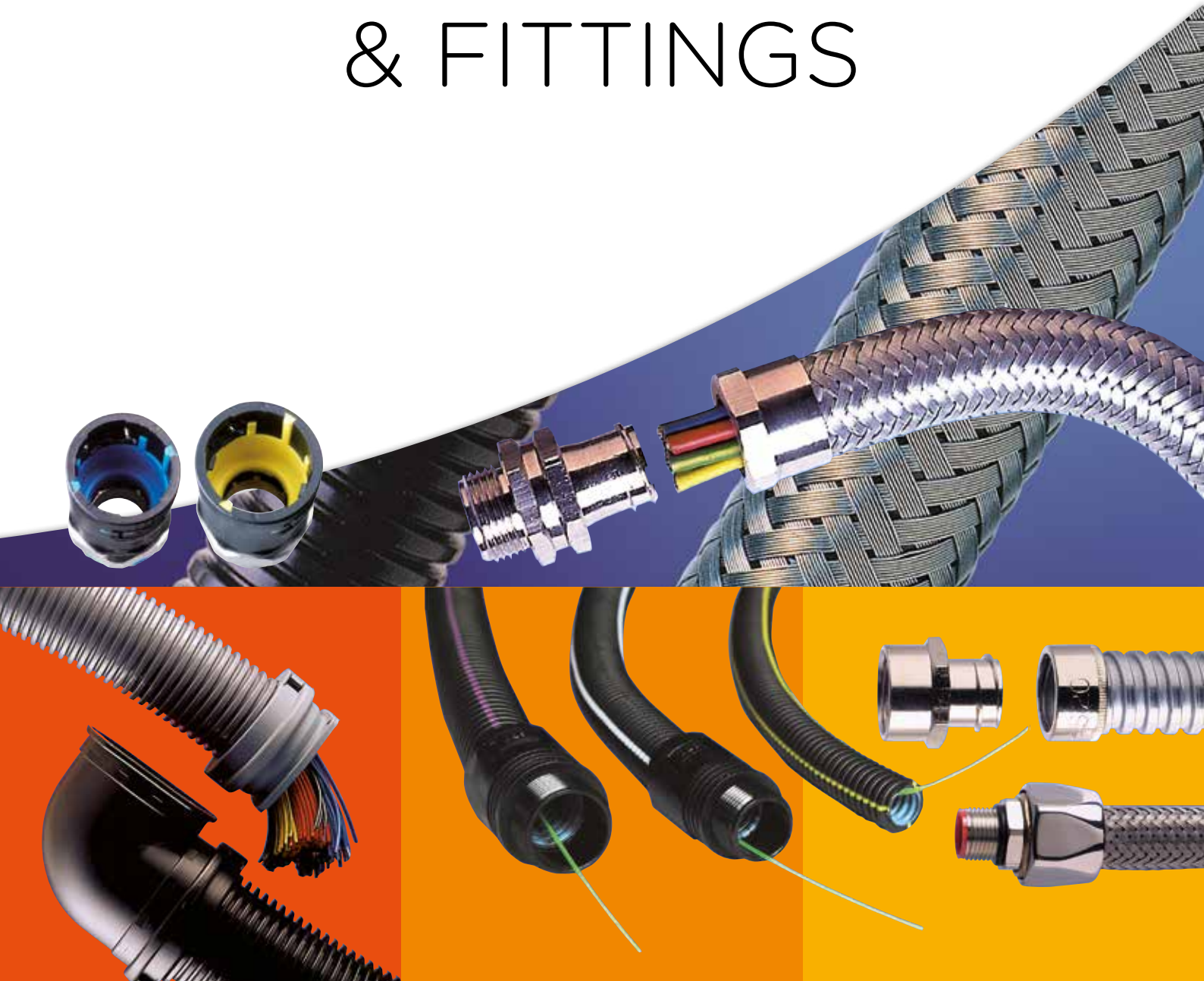
#### VOLTAGE

- 12 V AC/DC
- 24 V AC/DC
- 115 V AC
- 230 V AC

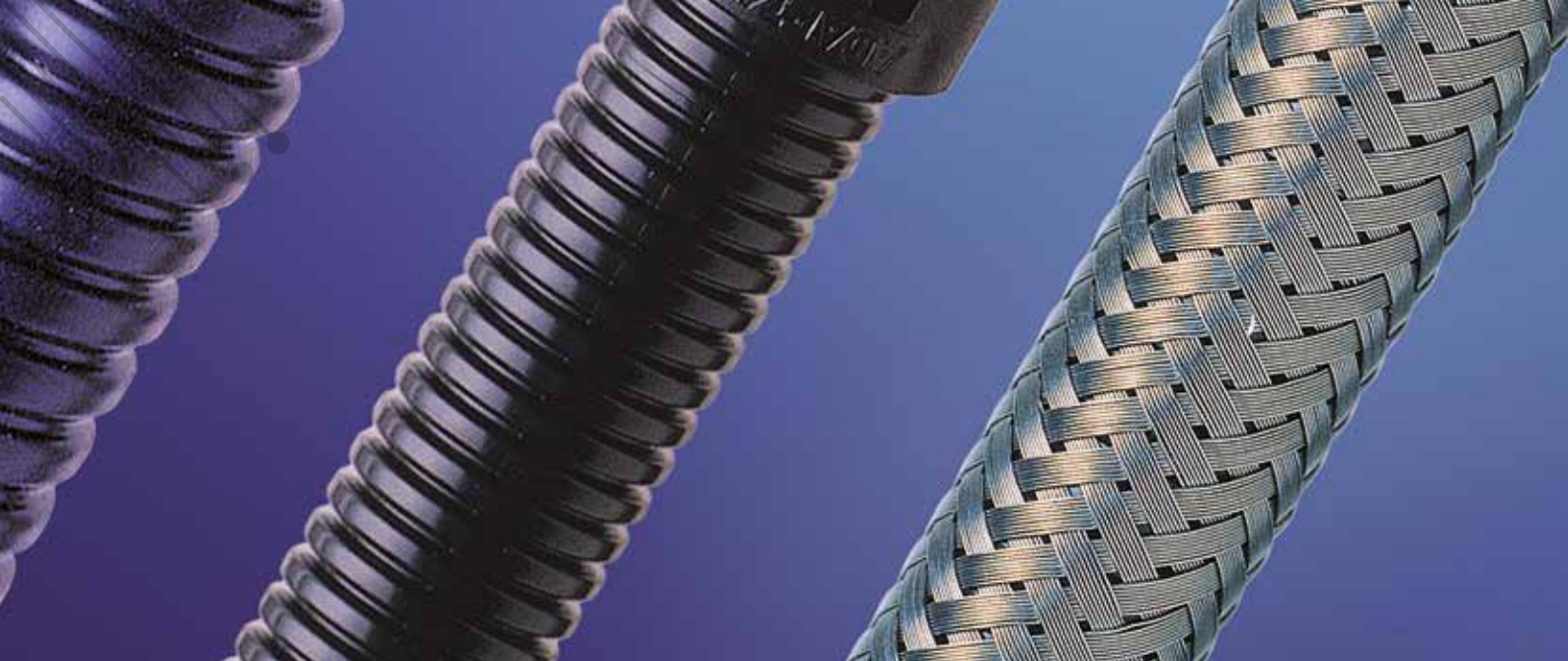




# CONDUITS & FITTINGS







## *"Leading expert in Conduit & Fittings to the industry"*

BOXCO are experts in conduits and their fittings and other products "around" the cable. BOXCO's Conduit & Fitting program is available in a variety of material types designed to operate at a protection class from IP40 up to IP69K – Temperature range from -65°C to 350°C.

BOXCO has got one of the widest ranges of Conduit & Fittings for static applications to moving applications, from regular plastic to advanced EMC, and customized solutions.

Conduit & Fittings - The product range varies from economical commercial Conduit & Fittings to high technology advanced options.

This wide range cover industries like Rail/Infrastructure, Mechanical, Marine, and Security/CCTV so when you think of Conduit & Fittings think - BOXCO!

### MATERIAL CONDUITS

- PA6 (Nylon)
- PA66 (modified Polyamide)
- PA11
- PA12
- PK (Polyketone)
- CPe (Co-extruded Polyester)
- PVCu
- PP (Polypropylene)
- Galvanised steel
- Stainless steel (1.4305)
- PVC covered galvanised steel
- PA covered galvanised steel
- Thermoplastic rubber covered galvanised steel
- With steel overbraid
- With tinned copper overbraid
- With stainless steel overbraid

### MATERIAL FITTINGS

- PA6 (Nylon)
- PA66 (modified Polyamide)
- PA66 with Nickel plated brass thread
- PA66/TPE with Elastomer
- Nickel plated brass
- Nickel plated brass (high shiny)

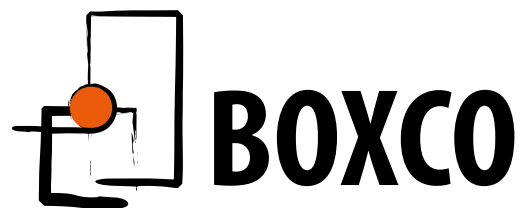
### THREADS

- Metric thread
- PG thread
- NPT thread
- Gas pipe thread

### RANGE

- Medium to very flexible
- Fixed thread
- Swivel thread
- Low fire hazard
- Extreme temperature resistant
- Abuse resistant
- Chemical resistant
- Liquid tight/resistant
- EMC
- 45° elbow fitting
- 90° elbow fitting





# HEAT SHRINKABLE PRODUCTS





## *"Leading expert in heat shrinkable products"*

BOXCO are specialized in heat shrinkable tubing and other products "around" the cable. BOXCO's tubing is available in a variety of material types designed to operate at a range of temperatures from -65°C to +260°C and comes in dimensions from 0,5 mm to 1500 mm. We have our own cutting and marking facility and is therefore able to provide customers with unique customized solutions as cut sleeves and/or printed sleeves.

Our office is based in Stockholm, Sweden and our partners are from all over the world.

**HEAT SHRINK TUBING** - The product range varies from economical commercial sleeving to high technology options.

### **RANGE**

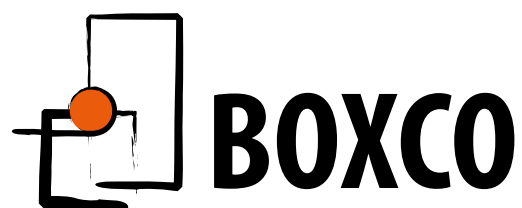
- Thin wall tubing
- Dual wall tubing (adhesive lined)
- Medium wall tubing
- Thick wall tubing
- Flame-retardant tubing
- Halogen free tubing
- Diesel resistance tubing
- Bus-bar tubing
- Wraparound repair sleeve
- High Temperature tubing
- High shrink ratio tubing (2:1 to 6:1)
- Moulded parts
- End caps
- Breakout multi-fingers
- Solder sleeve connectors
- Crimp seal connectors
- Mini boxes
- Printable tubing

### **MATERIALS**

- Polyolefin
- PVC
- Elastomer
- Teflon<sup>®</sup>
- Kynar<sup>®</sup>
- Viton<sup>®</sup>
- Halogen free
- Cadmium free







# OTHER ACCESSORIES





## *"Accessories that you'll always need to make your assembly complete"*

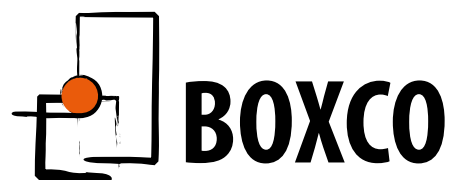
We at BOXCO always strive to have the best quality components since we know that only the best is good enough for you.

### WE HAVE A WIDE RANGE OF THE FOLLOWING MATERIAL:

- Cable ties
- Clip and Fasteners
- Ferrules and Cable Lugs
- Crimping tools
- Tape
- Din-Rail (also available in customized lengths)
- M8 and M12 contacts
- Braided sleeving
- Heat shield protection

Just ask us and we'll find the best suitable product for your application.





*"Leading expert in electromechanical products"*

