

# Welcome.

**ORANGE** AUTOMATION AND AI SOLUTIONS PVT LTD



● ABOUT ME

# I'm Chinnadurai,(Chinna)

Director of

Orange Automation & AI Solutions Pvt Ltd

BE (EEE)

LLB

M.Tech (Artificial Intelligence & Machine Learning) @ BITS, Pilani

Self Made Entrepreneur

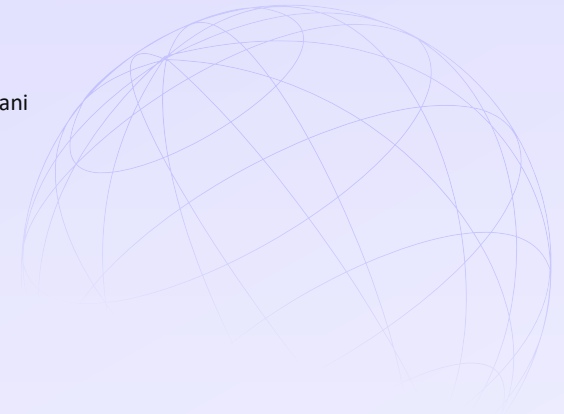
Worked with

Marketing Engineer- Sri Kailash Controls

Asst. Manager- Wago GmbH

Asst.Manager- Phoenix Contact, GmbH,

Sales Manager- Mitsubishi Electric, Japan



## WHERE IT ALL STARTED.



Amazon

1994



Google

1996



Apple

1976



Hewlett Packard

1939



Disney

1923



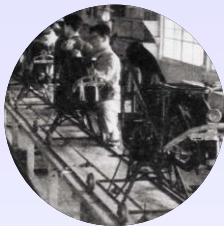
Harley Davidson

1903



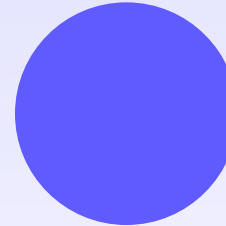
Ford Motor Company

1903

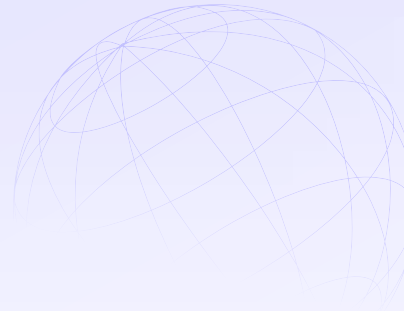


Honda

1948



Big Things Have  
Small Beginnings



IT'S JUST  
THE  
BEGINNING



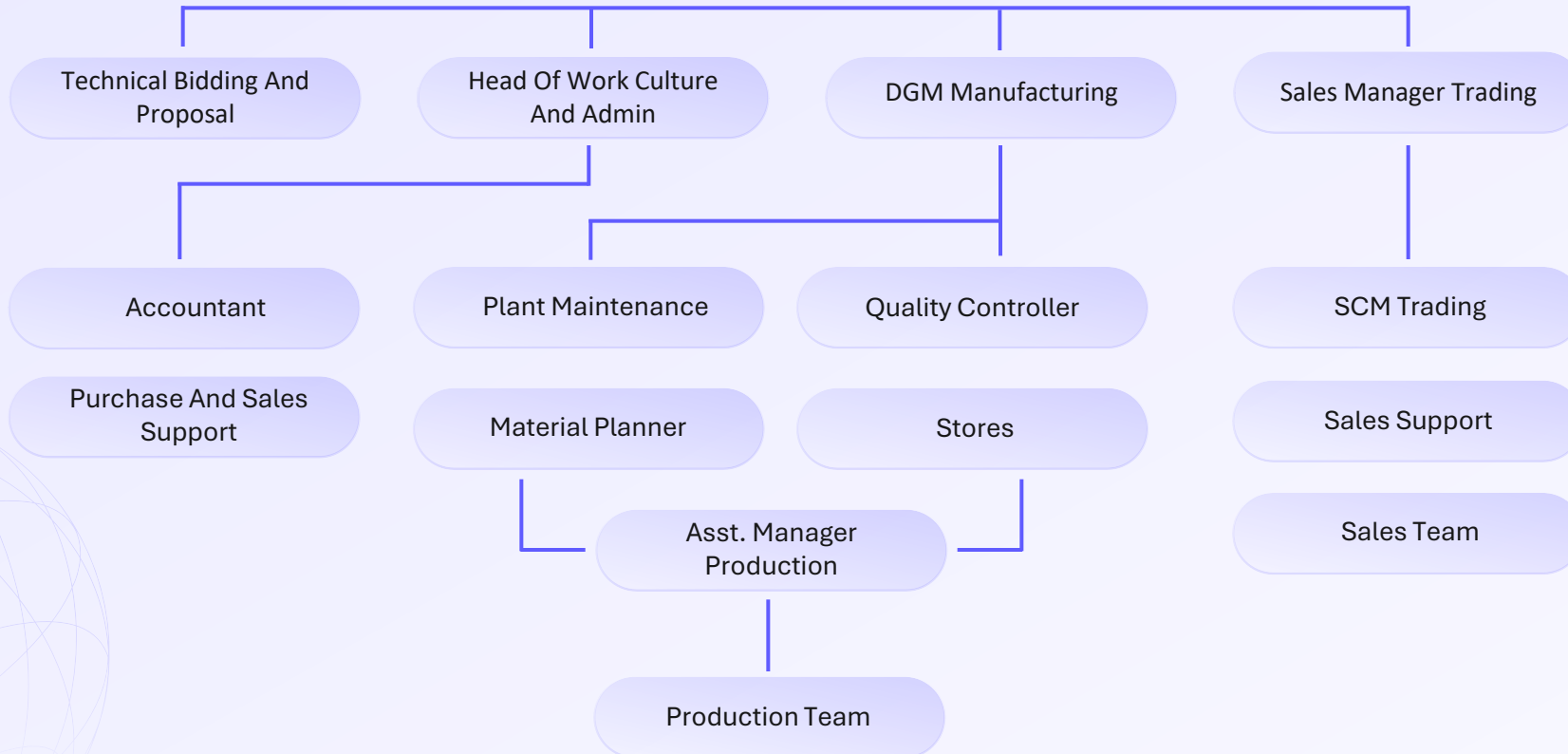
## Our Journey...



# Organization Chart



A. Chinnadurai



# Business Verticals



## 1. System Integration

Cable Harness.  
Control Panel.  
Test Bench development.

## 2. Distribution

Industrial Automation components,  
Electrical Components  
Electrical Tools  
Networking Devices  
Marking Solutions

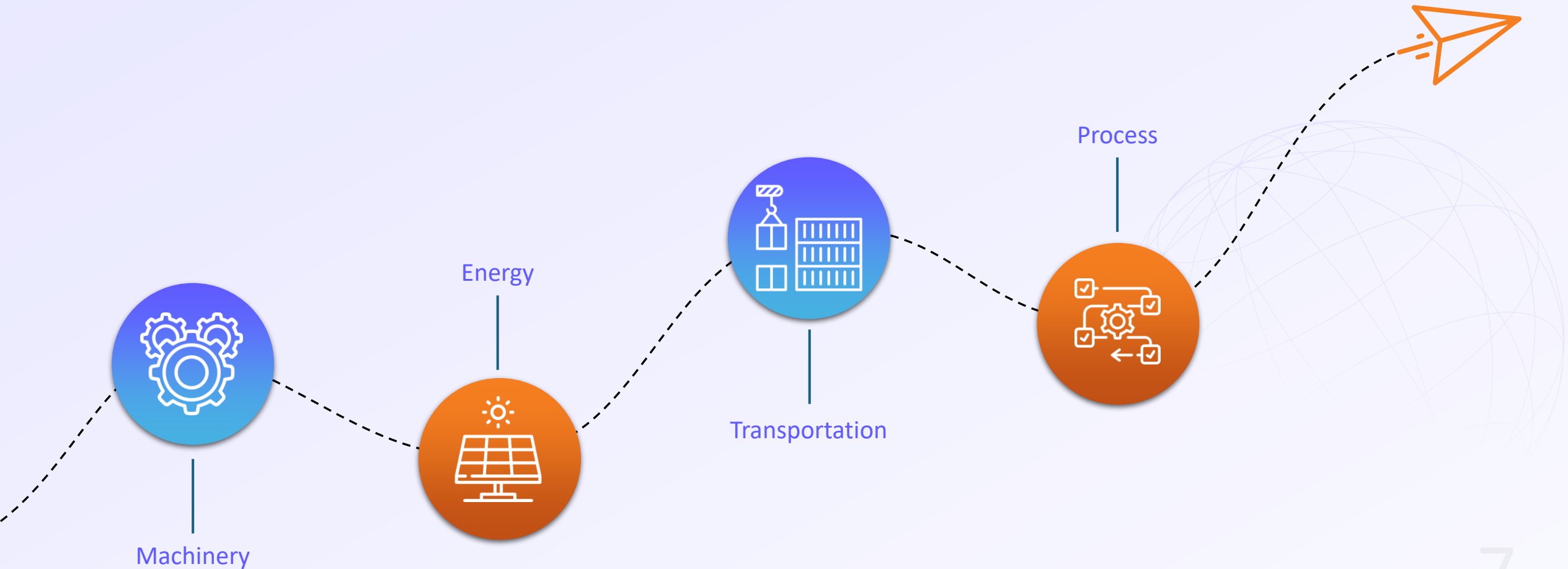
## 3. Supply Chain Partner

Supply chain consolidation  
C class and MRO  
Logistics Solutions

## 4. Maintenance @Depot

Electrical maintenance Contract

## Industry We Serve...



## QUALITY STANDARDS







CERTIFICATE

awarded to

ORANGE AUTOMATION AND AI SOLUTIONS PRIVATE LIMITED  
NO7/55, ARUVACHETIPUDUR, KOVILPALAYAM  
641110, COIMBATORE  
India

BUREAU VERITAS CERTIFICATION

confirms, as an IRIS Certification<sup>®</sup> approved certification body, that the Management System of the above organization has been assessed and found to be in accordance with the

IRIS Certification<sup>®</sup>

**Certification activities:**  
Production and service provision & Control of externally provided processes, products and services & Project management & Requirements for products and services

**Business category:**  
Rolling Stock & Distributors & Testing & Tools

**Product scope:**  
Mechanical, Electrical  
Manufacturing of Rolling stock components such as terminal Block assemblies, cable harness, test benches and tools.

Certificate valid from: 29/01/2025

Certificate valid until: 20/12/2027\*





Current date: 05/02/2025  
Certificate-Register-No: IND-IR - 000 2134  
Version: 01



\* Providing that the subsequent surveillance audits are successful before the validity date of the previous audit. Certification body address: TOUR ALTO 1 PLACE ZAHA HADID CS 40381, 92062 Paris la Defense Cedex, France

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Enclosure 1 of Certificate No.: IND-IR - 000 2134

awarded to


ORANGE AUTOMATION AND AI SOLUTIONS PRIVATE LIMITED  
NO7/55, ARUVACHETIPUDUR, KOVILPALAYAM  
641110, COIMBATORE  
India

The location is supported by the following supporting functions:

Address	Scope/Process
ORANGE AUTOMATION AND AI SOLUTIONS PRIVATE LIMITED NO-14, MAHALAKSHMI GARDEN, PHASE-2, CHERANMAA NAGAR, V.K MAIN ROAD, 641035-COIMBATORE, India	DISTRIBUTION



Current date: 05/02/2025  
Certificate-Register-No: IND-IR - 000 2134  
Version: 01



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## Our Mission

To deliver innovative products, service and solutions that will empower the automation industries with remarkable technology.

**We Are AUTHORIZED For The Following Brands;**

**Weidmüller** 

 **HARTING**

**connectwell**  
THE RIGHT CONNECTION

 **TELTONIKA**

**HEINSEL**

 **HELUKABEL**

**HUGRO**<sup>®</sup>  
Qualität aus Waldkirch

**Klauke**<sup>®</sup>

 **Baumer**

 **AGRO**

**flexa**

## Products Ranges...



Weidmueller - Electronics



Weidmueller - Connectivity

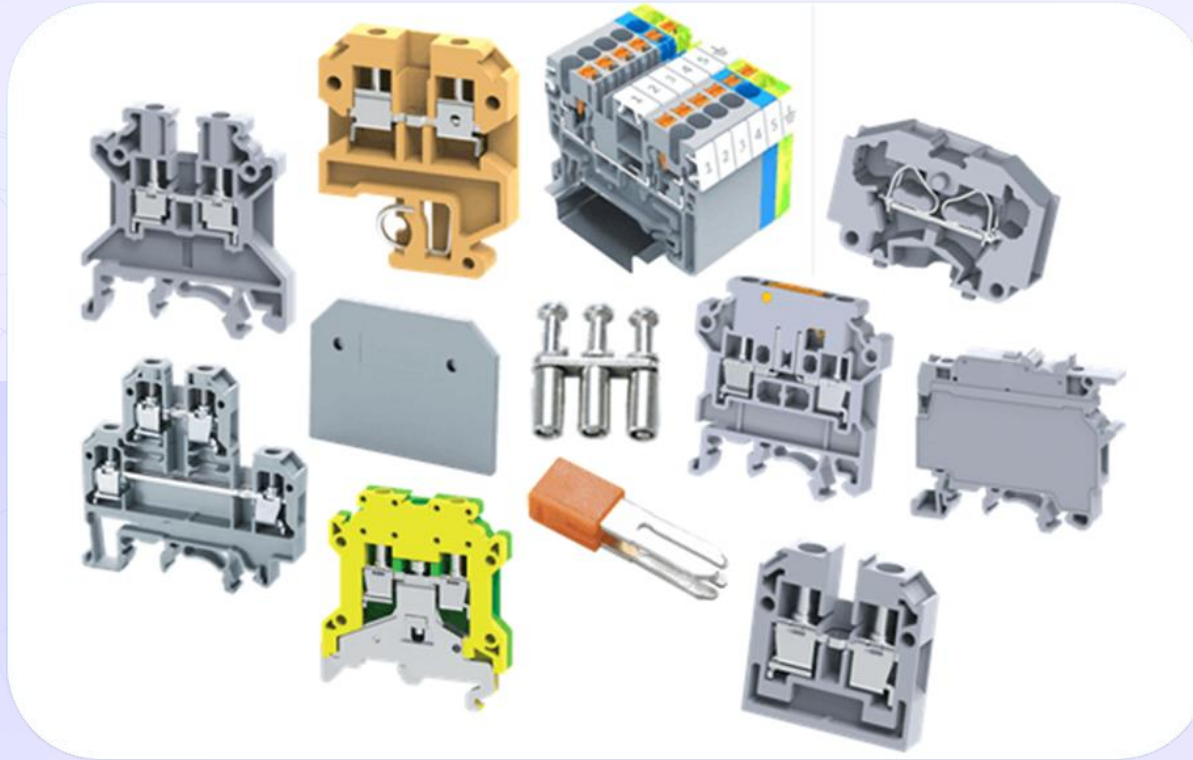


Weidmueller - Workplace & Accessories

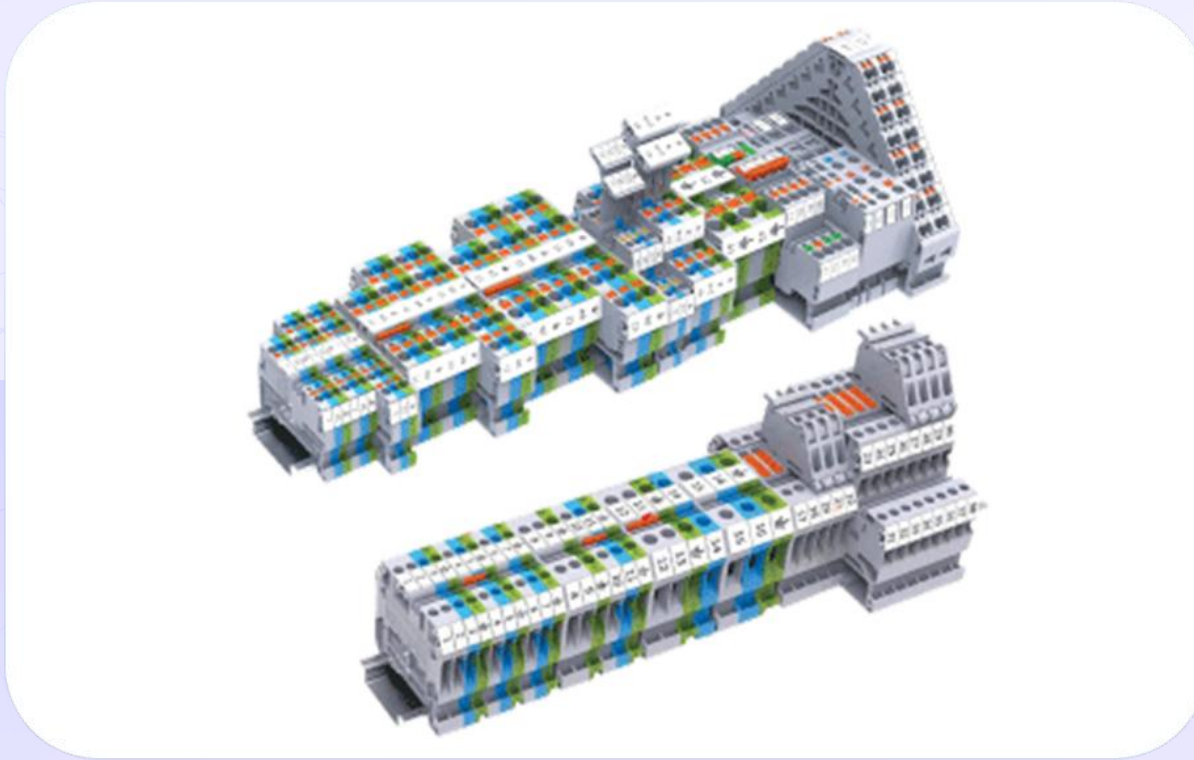




Weidmueller - Automation & Software



Connectwell - Terminal Blocks



Connectwell - Terminal Blocks





Connectwell - slim relay module



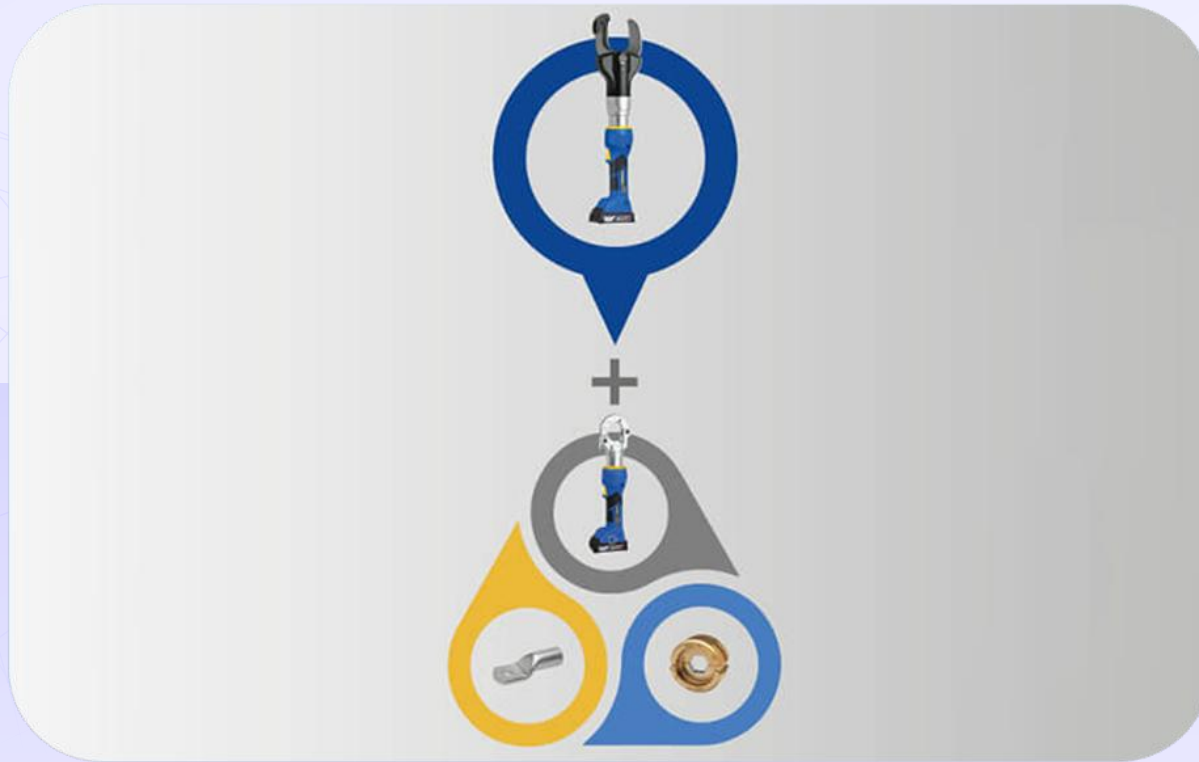
Baumer - Object detection Sensors



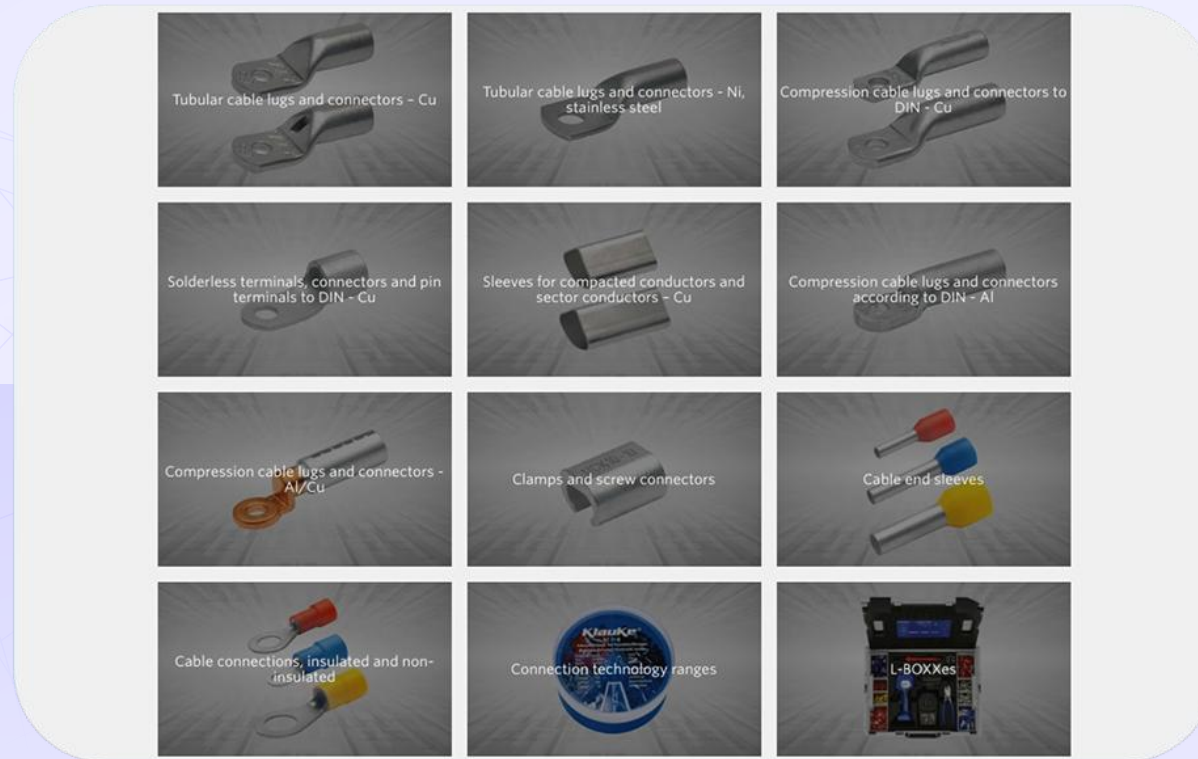
Rotary encoders \_ angle sensors



Hugro Products



Klauke System



## Electrical Connection System



Chennai Metro



Kochi Metro



Lucknow Metro



Pune Metro



E-Loco



Mumbai L3

- Terminal block assemblies are successfully supplied for LVB, CCR, CCL, EWL, EWR, GCR, GCL, Electrical Cabinet and Driver desk
- Manufactured and supplied Universal Test board to test the cable harness
- Manufactured & supplied Traction converter Test Bench
- Manufactured & supplied IGBT Tester
- Manufactured & supplied Speed motor Variator for automatic pumping of coolant,.
- Supplied Various components such as Pressure Sensors, Temperature Sensors, End ferrules, Glands, Grease, Contactors,, Conduit
- Successfully completed the entire electrical cable harness and Termination at car level at Pune Line 2 and 7
- Manufactured & Supplied Container Test Bench for testing traction converters for various projects on success basis