



*stay connected*

## | Solutions for Logistics and Handling Technology



| Tested

| Versatile

| Customer-Oriented

# THE PLUS IN LOGISTICS

**Solutions for Logistics  
and Handling Technology**



Versatile: Logistics and handling technology



## | CURRENT MARKET REQUIREMENTS

- Efficient solutions for complex processes
- Diverse requirements from frozen logistics to material flow technology to sorting plants and airport logistics
- Interactions with mechanics, for example: no need for cable ducts

## | MURRELEKTRONIK IS YOUR SYSTEM PARTNER AND OFFERS: THE PLUS FOR MORE PRODUCTS

### ➤ Cost effective!

- + Quick installation: MQ12
- + Long life: electrical brake rectifier
- + Easy decentralizing: Cube67+

### ➤ Safe!

- + High IP69K protection: M12 Steel
- + Securing long cables: MICO
- + Mains failure bridging (system availability): MB Cap

### ➤ Save space!

- + Minimum height: with angled M12 connectors
- + Minimum width: 10 A optocouplers
- + 488 I/O points on width of 90 cm: Cube20



# | MATERIAL FLOW TECHNOLOGY

Typical requirements:

- Increased System Availability
- Worldwide Approvals
- Cost-Efficient Installation



MQ12

Maintenance-free MB Cap buffer modules ensure increased system availability. The brake rectifier has no mechanical contacts, so it will never wear out. With the MQ12 quick connection system, installations for logistics and handling systems are made very quickly. This guarantees cost efficiency.



MB Cap



Brake rectifier



Cube67

# | DEEP-FREEZE AND REFRIGERATED LOGISTICS

Typical requirements:

- Sub-Zero Temperatures
- Harsh Environments
- High Degree of Protection
- Media Resistant



Foto: eyeLAB/Quelle PHOTOCASE

The robust M12 Steel connector can be exposed to temperature ranges from -40°C up to +105°C and still meets the requirements of IP68/IP69K protection. M12 Steel is especially designed for applications in the food and beverage industry and is available with PVC and Santoprene cable material.



M12 Steel



Evolution



V4A Connectors





# | SORTING PLANTS

Typical requirements:

- Small Designs
- Cost-Efficient Installation
- Speed
- Snap-In Technology



Foto: petro/Quelle: PHOTOCASE



Impact20

Sorting plants require compact and efficient products. Look at Cube20: with almost 500 I/Os on 90 cm, this sets the standard. Our M8 connectors are perfect for installing sensors within tight spaces.



MICO



Miro



M8 Connectors

**connec+ivity®** The Plus for More Products – Variety that works...

# | AIRPORT LOGISTICS

Typical requirements:

- Protected Cable (code unit)
- Meets “British Standard” Demands
- Halogen-Free
- Low Smoke



MASI

Efficient baggage handling systems are often created with AS-Interface. Murrelektronik provides a large number of innovative bus modules – with tested profile cable connections as well as robust M12 round connector technology. ECO Rail provides a space-saving option for decentralized power supply.



Protected Cable



Cube67



Modlight70



Eco-Rail



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