

| Distribution Systems for Sensors and Actuators

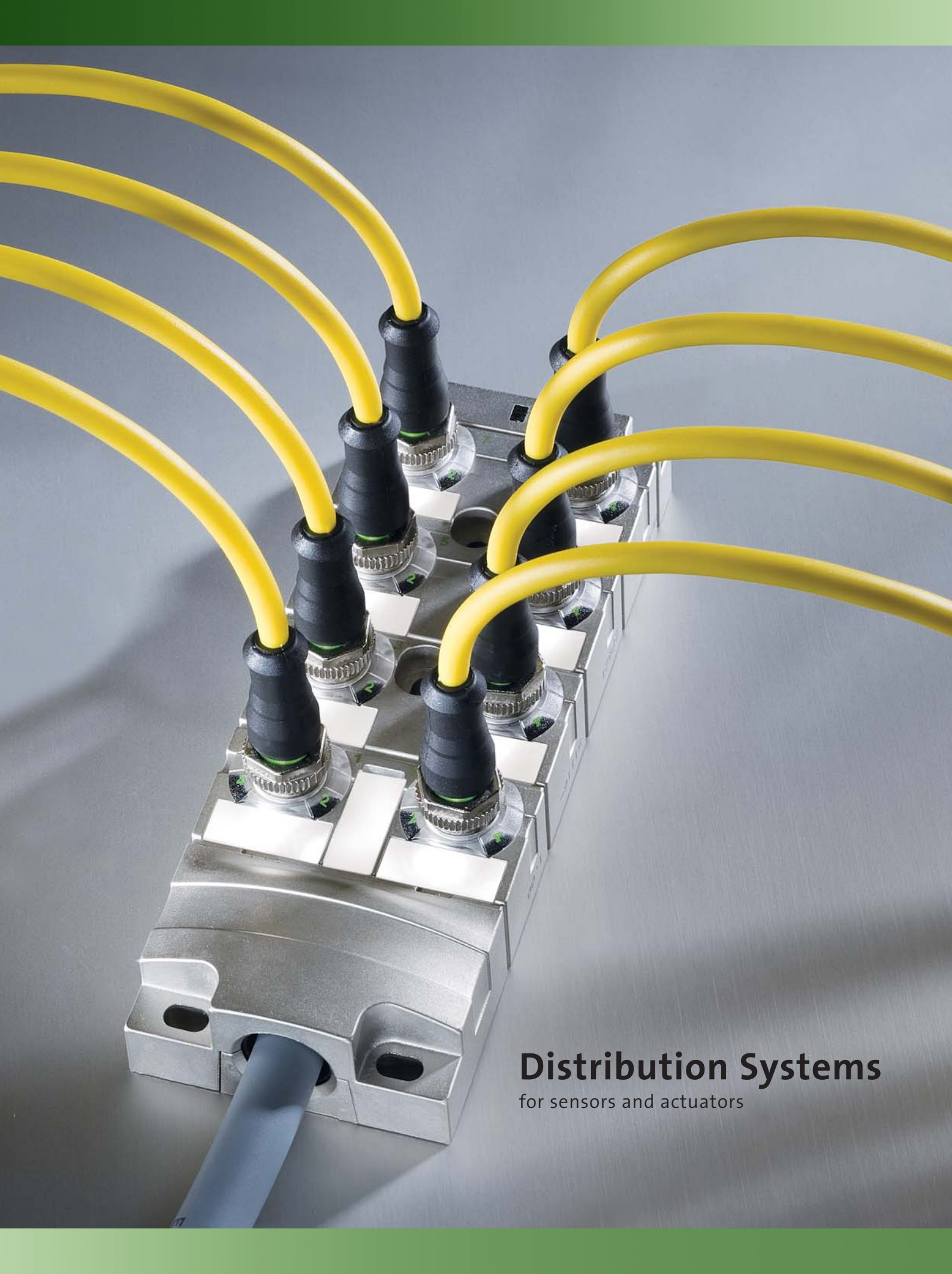
 Comprehensive
OVERVIEW



| M12 Distribution Boxes

| M8 Distribution Boxes

| Accessories



Distribution Systems

for sensors and actuators

THE RIGHT DISTRIBUTION BOX FOR ANY APPLICATION

The answer for all your needs: Murrelektronik Distribution Systems



Single-wire connectivity in machines and installations is troublesome and error-prone. Murrelektronik's passive distribution boxes provide a much more convenient method for connecting sensors and actuators to the control cabinet. Murrelektronik provides a comprehensive range of distribution boxes: they create optimum installations for any application and are cost-effective, safe, and space saving solutions!

➤ **Economic!**

Installations with distribution boxes can be quickly setup. Modular components allow easy and convenient exchanges which saves time and costs.

➤ **Safe!**

Practical and pre-tested plug connections help prevent wiring errors. Integrated LEDs facilitate diagnostic checks. Of course, Murrelektronik's distribution boxes are IP65 or IP67 protected.

➤ **Save space!**

Fewer terminal blocks, fewer cable entry systems, and fewer terminal boxes in the field are distribution box solutions that save space and also offer flexible mounting options.



- Compact design saves space
- More safety, even with strong vibrations
- Colored LEDs indicate status
- Assembly compatible with other manufacturer's products

Exact12

Cost-Effective, Compatible, Sealed

Exact12 features cost effective basic operations. Various versions are available: two cable qualities, four different cable lengths, pluggable and molded caps enable all kinds of combinations.

The caps are designed for field wiring and they are available with pluggable screw terminals or spring clamp terminals. Now you can connect other cables in an easy and inexpensive manner.

Exact12 is a modular system, therefore the distribution boxes can be separated for transportation purposes. This saves time. You can order the components separately or as a set.

Exact12 distribution boxes are especially suitable for applications in materials handling and assembly technology, test engineering, and in robotics. The housing is made of translucent polyurethane and is very resistant to shock and vibrations.

Exact12 Fits Your Application Exactly!



- Robust and resistant because of fully potted housing
- Tested shielding and optional grounding
- ATEX approval for applications exposed to explosive gas atmospheres
- Halogen-free PUR cable suitable for use in C-tracks

MVP12 Metal

Robust, Resistant, Safe

Murrelektronik's MVP12 Metal distribution boxes are very impressive when used in the harsh environments of mechanical engineering and plant construction. The boxes are fully potted so they are resistant to seeping oil and cooling lubricants. Murrelektronik's torque wrench and high quality O rings ensure permanently safe seals in all connections.

MVP12's metal housing ensures resistance to extreme temperatures and intensive mechanical stress. The distribution boxes are designed for voltages up to 125V AC/DC. Tested shielding, with optional grounding, ensures safety even during extreme agitation.

MVP12 Metal Is the Choice for Extreme Conditions!



- Slim, 30 mm two row design
- Additional InLine mounting holes on side
- Clear and readable LED signals
- More than 200 versions available

Exact8

Saves Space, is Versatile and Variable

Exact8 is the new generation of Murrelektronik's distribution boxes in slim 30 mm two-row design. Exact8 makes it possible to connect a maximum number of signals in a very small space. The normally closed contacts of the 4-pole distribution boxes are equipped with white LEDs, thus ensuring error-free indications.

Exact8 offers versatile mounting options, even for applications within a narrow space thanks to additional InLine mounting holes on the side.

The new unique cap design with pluggable spring clamp terminals vastly shortens assembly times and does not require tools. Exact8 is also available with a pluggable M12 connection and pre-wired cable.

The housing made of translucent polyurethane is an innovation in the field of M8 distribution boxes. They are extremely resistant to shock and vibration.

With more than 200 models available, Exact8 is perfect for any application.

Exact8 Fits Your Application Exactly!

		Exact8	Exact12	MVP12-Metal
	IP65 Protection Tight even under high pressure water jet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	IP67 Protection Tight after immersion in water that's 1 meter deep for 30 minutes	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	IP68 Protection Tight after immersion in water that's 1 meter deep for 96 hours			<input checked="" type="checkbox"/>
	UL Approval Important for international sales to the USA and to Canada	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	ATEX Approval II 3 G/D Suitable for applications exposed to dust and explosive gas atmospheres		<input type="checkbox"/>	<input checked="" type="checkbox"/>
	PUR/PVC Cable Solid standard cable, abrasion resistant, for applications in moving parts, partly suitable for C-tracks, up to 2 million bending cycles	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
	Halogen-Free PUR Cable Suitable for use in C-tracks, abrasion protected, resistant to oil and cooling lubricants, extended temperature range, up to 5 million bending cycles	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Two-Color LED Display Clear signal identification with bright yellow and white LEDs	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
	Extended Temperature Range Suitable for applications in the range of -25 to +90°C (-13° to +195°F)			<input checked="" type="checkbox"/>
	Shielded Metal Housing Completely shielded against agitation			<input checked="" type="checkbox"/>
	Voltages up to 125 V AC/DC Special PCB with increased air and creepage distances, without LED		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
NPN	LEDs with NPN Logic For applications with negative logic	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Pluggable Cap Economic and service-friendly pluggable solution, pre-wired and field-wireable	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
M12	M12 Round Plug Connectors Pluggable solutions for sensors, various connection options	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
M23	M23 Round Plug Connector Pluggable solution with high current capacity for sensors and actuators		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Assembly Compatibility Drilling holes identical to other manufacturers, allow easy exchanging		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

in preparation



stay connected

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