

# SPLITTER

Multiple-, T-, Y- and Duo-Distributors



# MULTIPLE-, T-, Y- AND DUO-DISTRIBUTORS

Connectors for reliable collection, connection and distribution of signals and power.

Manufacturing of the future will be characterized by an extremely high degree of automation. Industry 4.0 (I4.0), One Cable Automation (OCA) and Industrial Internet of Things (IIoT) are megatrends that have one thing in common: the number of sensors, and therefore signals, within machines is increasing rapidly.

However, the individual sensors in the tried-and-tested industrial designs and functionalities do not always necessarily have to deliver digital data: the robust transport of signals and power is also important. That's why binder offers a comprehensive range of distributors for the reliable, industrial-grade collection, connection and distribution of signals and power.

Circular connectors, for example, ensure a positive but also separable connection for signal and power transmission. In some automation technology applications, the transmitter and receiver – or the power source and consumer – are connected via a cable with circular connectors at both ends. So-called distributors are used to connect two receivers to one transmitter. These are also known as

splitters or twin distributors. binder offers different variants to better meet customer requirements, including Y-, T- and duo-distributors.

Y- or T- distributors usually have one male and two female connectors. The standard application of the Y-distributor, for example, provides for the connection of two sensors or actuators to a control box. Our twin distributors are available in different M8, M12 and 7/8" designs and wirings. These are particularly suitable for 3, 4 and 5-wire cables. Different versions with or without mounting holes, and versions with a moulded cable, ensure a high level of flexibility in use. The overmoulded duo distributors are equipped with PUR standard cables and are designed for merging two signals onto one M8 x 1 or M12 x 1 slot. There is flexibility in the arrangement of male or female connectors as well as in the M8 or M12 designs, resulting in a wide range of variants. Angled and straight versions are also available.

In addition, we offer various snap-in distributors of the 720 series, which are used, among other things, in the lighting industry, for example to connect several lamps with less cable consumption.

## SECTORS AND FIELDS OF APPLICATION

- Automation technology
- Intralogistics
- Lighting industry
- Laboratory equipment
- Conveyor technology
- Test & Measurement technology



### ADVANTAGES

- Safe junctions can be easily implemented with binder distributors.
- Rated for protection class IP67/IP68 to withstand harsh industrial environments.
- Potential savings through the distribution and bundling of signals.
- Flexible and versatile, e.g. when integrating new devices via distributors.
- High-quality materials and quick assembly.
- Additional adaptations/variants are possible on request.

# PRODUCT OVERVIEW



**Miniature Connectors**  
**Snap-in 720 Series**

- Snap-in locking system
- Diameter 16 mm
- Distributor
- Twin distributor



**Automation Technology**  
**Special Connections 765 Series**

- Screw locking M8 x 1 and M12 x 1
- Duo connector
- Moulded versions
- Twin distributor



**Automation Technology**  
**7/8" 820 · 870 Series**

- Screw locking 7/8"
- Twin distributor

## CONTENTS

Range	Series	Contacts	Degree of protection
<b>Miniature Connectors</b>			
Snap-in IP67	<b>720</b>	3, 5	IP67
<b>Automation Technology</b>			
Special Connections	<b>765</b>	3, 4, 5, 8	IP65/IP67/IP68/IP69K
<b>Automation Technology</b>			
7/8"	<b>820 · 870</b>	3, 4, 5	IP67

# Miniature 720

# Snap-in IP67

Ready to connect distributor



Pluggable distributor



Twin distributor, Y-distributor, male connector – 2 female connectors



Contacts	Numbers I/O	Ordering-No. <sup>1)</sup>
3	4-way	72 9137 500 04
	6-way	72 9141 500 06
5	4-way	72 9138 500 04
	6-way	72 9142 500 06

Contacts	Numbers I/O	Ordering-No.
3	4-way	72 9139 000 04
	6-way	72 9143 000 06
5	4-way	72 9140 000 04
	6-way	72 9144 000 06

Contacts	Ordering-No.
3	79 9179 000 03
5	79 9180 000 05



Twin distributor, Y-distributor, male connector M8 x 1 – 2 female connectors M8 x 1



Contacts	Ordering-No.
4/3	79 5280 00 04

Twin distributor, Y-distributor, male connector M8 x 1 – 2 female connectors M8 x 1



Contacts	Ordering-No.
4/3	79 5232 70 04

Twin distributor, Y-distributor, male connector M12 x 1 – 2 female connectors M8 x 1



Contacts	Ordering-No.
4/3	79 5204 00 04

Twin distributor, Y-distributor, male connector M12 x 1 – 2 female connectors M8 x 1



Contacts	Ordering-No.
4/3	79 5232 90 04

Twin distributor, Y-distributor, male connector M12 x 1 – 2 female connectors M8 x 1, mit LED



Contacts	Ordering-No.
4/3	79 5232 00 04

Twin distributor, Y-distributor, male connector M12 x 1 – 2 female connectors M12 x 1



Contacts	Ordering-No.
4	79 5200 00 04
5/4	79 5207 00 05
5	79 5208 00 05

Twin distributor, Y-distributor, 1:1 wiring, male connector M12 x 1 – 2 female connectors M12 x 1



Contacts	Ordering-No.
5	79 5210 00 05
8	79 5211 00 08

Twin distributor, Y-distributor, male connector M12 x 1 – 2 female connectors M12 x 1



Contacts	Ordering-No.
4/3	79 5236 90 04
5	79 5236 40 05

Twin distributor, Y-distributor, male connector M12 x 1 – 2 female connectors M12 x 1, with LED



Contacts	Ordering-No.
4/3	79 5236 00 04

Stainless steel twin distributor, Y-distributor, 1:1 wiring, male connector M12 x 1 – 2 female connectors M12 x 1



Contacts	Ordering-No.
5	79 5210 17 05

Twin distributor, T-distributor, male connector M12 x 1 – 2 female connectors M12 x 1



Contacts	Ordering-No.
5	79 5256 190 05

Twin distributor, Y-distributor, 1:1 wiring, female connector M12 x 1 – male/female connector M12 x 1



Contacts	Ordering-No.
5	79 5212 00 05

Twin distributor, Y-distributor, female connector M12 x 1 – male/female connector M12 x 1



Contacts	Ordering-No.
4	79 5238 00 04

Twin distributor, T-distributor, female connector M12 x 1 – male/female connector M12 x 1



Contacts	Ordering-No.
4	79 5254 190 04
5	79 5255 190 05

Twin distributor, Y-distributor, moulded – 2 female connectors M8 x 1, with LED



Contacts	Cable length	Ordering-No. <sup>1)</sup>
3	2 m	79 5232 33 04

Twin distributor, Y-distributor, moulded – 2 female connectors M12 x 1, with LED



Contacts	Cable length	Ordering-No. <sup>1)</sup>
4/3	2 m	79 5236 33 04

Twin distributor, Y-distributor, moulded – male/female connector M12 x 1



Contacts	Cable length	Ordering-No. <sup>1)</sup>
4	1 m	79 5238 10 04
	2 m	79 5238 20 04

Duo distributor, male duo connector M8 x 1 – 2 female cable connectors M8 x 1

**M8 / M8**



Contacts	Cable length	Ordering-No. <sup>1)</sup>
4/3	0,3 m	77 9805 3406 50003-0030
	0,6 m	77 9805 3406 50003-0060
	1 m	77 9805 3406 50003-0100

Duo distributor, male duo connector M12 x 1 – 2 female cable connectors M8 x 1

**M12 / M8**



Contacts	Cable length	Ordering-No. <sup>1)</sup>
4/3	1 m	77 9829 3406 50003-0100
	2 m	77 9829 3406 50003-0200

Duo distributor, male duo connector M12 x 1 – 2 female angled connectors M8 x 1



Contacts	Cable length	Ordering-No. <sup>1)</sup>
4/3	1 m	77 9829 3408 50003-0100
	2 m	77 9829 3408 50003-0200

Duo distributor, male duo connector M12 x 1 – 2 female angled connectors M8 x 1 with LED, PNP



Contacts	Cable length	Ordering-No. <sup>1)</sup>
4/3	1 m	77 9829 3608 50003-0100
	2 m	77 9829 3608 50003-0200

Duo distributor, male angled duo connector M12 x 1 – 2 female cable connectors M8 x 1



Contacts	Cable length	Ordering-No. <sup>1)</sup>
4/3	1 m	77 9827 3406 50003-0100
	2 m	77 9827 3406 50003-0200

Duo distributor, male duo connector M12 x 1 – 2 female cable connectors M12 x 1

**M12 / M12**



Contacts	Cable length	Ordering-No. <sup>1)</sup>
4/3	1 m	77 9829 3430 50003-0100
	2 m	77 9829 3430 50003-0200

Duo distributor, male duo connector M12 x 1 – 2 female cable connectors M12 x 1, shielded



Contacts	Cable length	Ordering-No. <sup>1)</sup>
4/3	1 m	77 9855 3530 50703-0100
	2 m	77 9855 3530 50703-0200

Duo distributor, male duo connector M12 x 1 – 2 female cable connectors M12 x 1, CAN-Bus



Contacts	Cable length	Ordering-No. <sup>1)</sup>
5	1 m	77 9851 2530 50705-0100
	2 m	77 9851 2530 50705-0200

Duo distributor, male duo connector M12 x 1 – 2 female cable connectors M12 x 1, PROFIBUS



Contacts	Cable length	Ordering-No. <sup>1)</sup>
2	1 m	77 9853 4330 60702-0100
	2 m	77 9853 4330 60702-0200

Duo distributor, male duo connector M12 x 1 – 2 female angled connectors M12 x 1



Contacts	Cable length	Ordering-No. <sup>1)</sup>
4/3	1 m	77 9829 3434 50003-0100
	2 m	77 9829 3434 50003-0200

Duo distributor, male duo connector M12 x 1 – 2 female angled connectors M12 x 1 with LED, PNP



Contacts	Cable length	Ordering-No. <sup>1)</sup>
4/3	1 m	77 9829 3634 50003-0100
	2 m	77 9829 3634 50003-0200

Duo distributor, male angled duo connector M12 x 1 – 2 female cable connectors M12 x 1

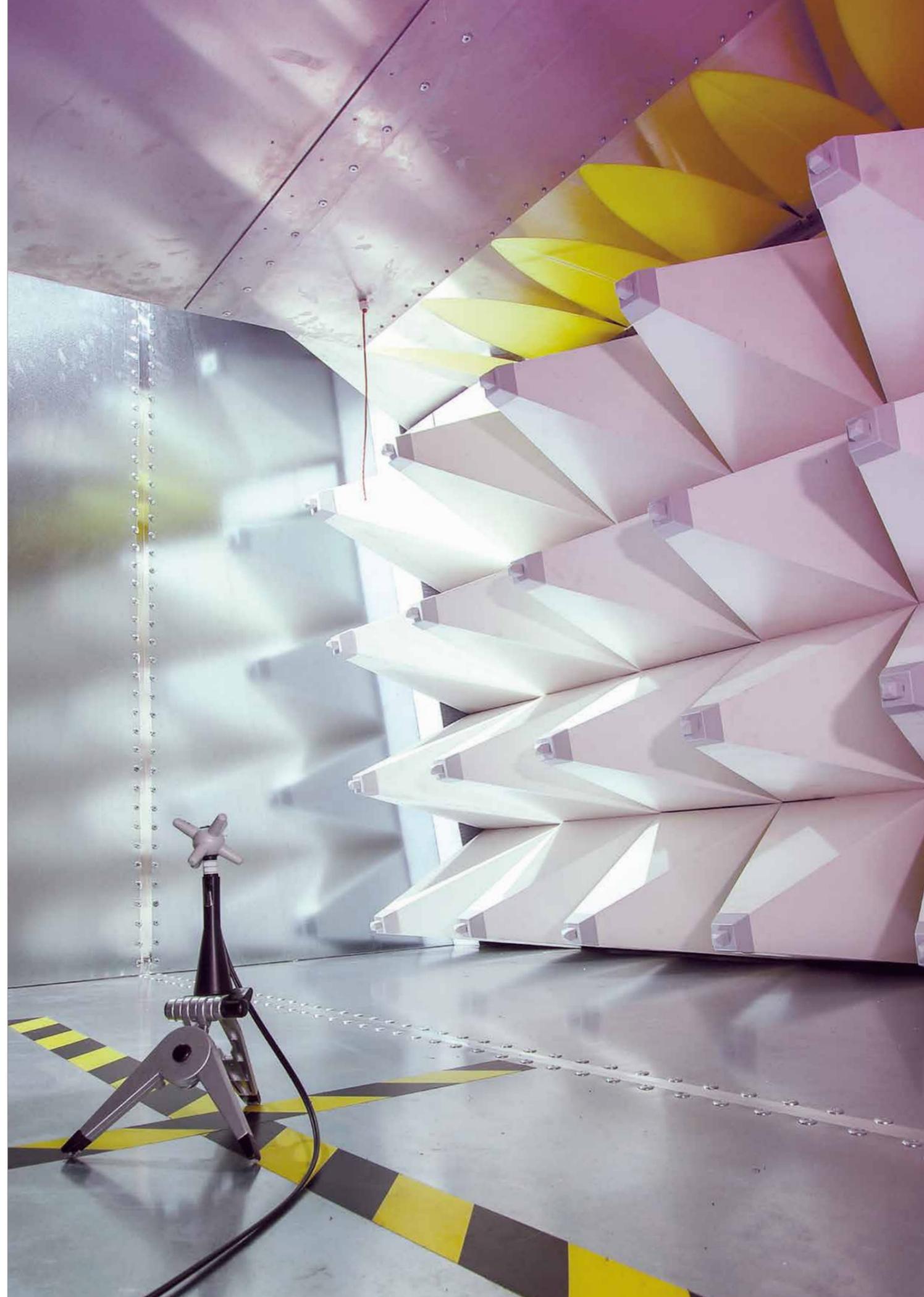


Contacts	Cable length	Ordering-No. <sup>1)</sup>
4/3	1 m	77 9827 3430 50003-0100
	2 m	77 9827 3430 50003-0200

Twin distributor, T-distributor,  
female 7/8" – male/female 7/8"

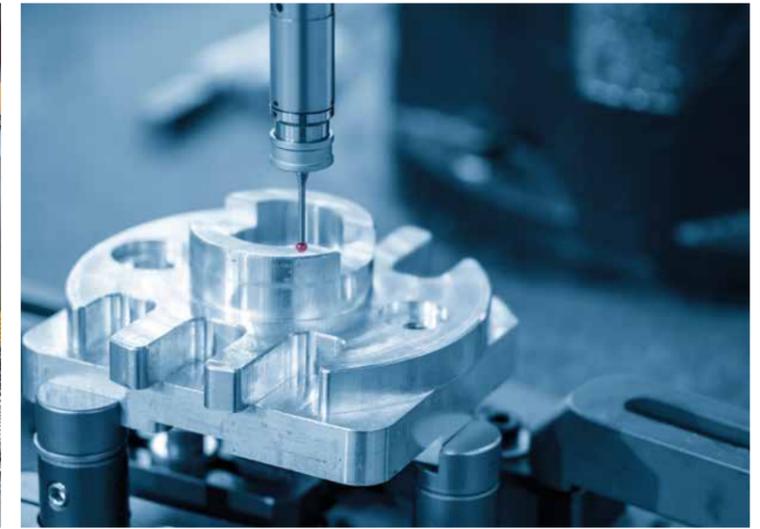


Contacts	Ordering-No.
3	09 2473 100 03
4	09 2474 100 04
5	09 2475 100 05



# SPLITTER

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