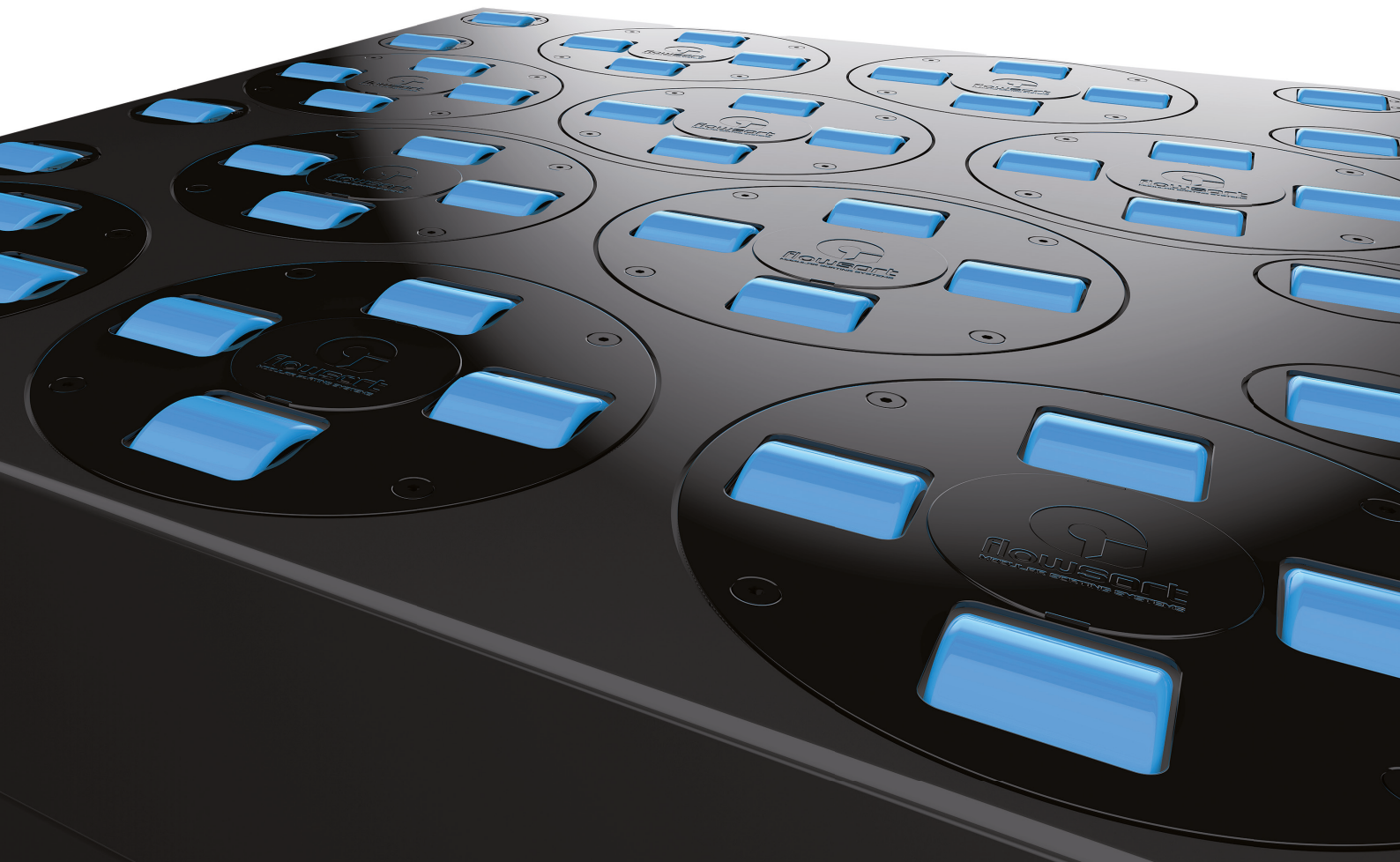


FATH



flowsort
MODULAR SORTING SYSTEMS



SLD DIVERTER

Single Line Diverter = 1 row



MECHANICAL INFORMATION

disc diameter	Ø 180 mm
module length	200 mm
amount of rows	2
available widths	all widths in mm between 400 - 450 mm, 600 - 650 mm, 800 - 850 mm and 1.000 - 1.050 mm other widths on request
PU wheel diameter	Ø 58 mm
hardness wheel	80° Shore A
diverting angle	- 90° to +90°

PRODUCT HANDLING

minimum size product	150 x 150 mm
maximum size product	on request
maximum sorting capacity	6.000 parts per hour
minimum product weight	50 g / 1.764 oz
maximum product weight	35 kg / 77,16 lbs.

CONTROL INFORMATION

motor drive	24V pulse gear drive
maximum rotation speed	- 90° to +90° in 0,35 s
motor PU wheels	24V pulse gear drive
maximum speed	1,5 m/s
sensors	1 homing sensor per row
control	1 control card per row, standard 1/0 pin out via M8 connector, EtherCAT or Profinet available

Depending on the application, it may not always be possible to combine maximum values.

With the Flowsort online configurator, you can simulate all performance parameters for your application at any time:

<https://www.fath24.com/configurator/flowsort>

DLD DIVERTER

Double Line Diverter = 2 rows



MECHANICAL INFORMATION

disc diameter	Ø 180 mm
module length	400 mm
amount of rows	2
available widths	all widths in mm between 400 - 450 mm, 600 - 650 mm, 800 - 850 mm and 1.000 - 1.050 mm other widths on request
PU wheel diameter	Ø 58 mm
hardness wheel	80° Shore A
diverting angle	- 90° to +90°

PRODUCT HANDLING

minimum size product	150 x 150 mm
maximum size product	on request
maximum sorting capacity	6.000 parts per hour
minimum product weight	50 g / 1.764 oz
maximum product weight	35 kg / 77,16 lbs.

CONTROL INFORMATION

motor drive	24V pulse gear drive
maximum rotation speed	- 90° to +90° in 0,35 s
motor PU wheels	24V pulse gear drive
maximum speed	1,5 m/s
sensors	1 homing sensor per row
control	1 control card per row, standard 1/0 pin out via M8 connector, EtherCAT or Profinet available

Depending on the application, it may not always be possible to combine maximum values.

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ZZ DIVERTER

Zick-Zack Diverter = 2 rows

Especially suitable for very small products



MECHANICAL INFORMATION

disc diameter	Ø 180 mm
module length	373,2 mm
amount of rows	2
standard widths	400 mm, 600 mm, 800 mm and 1.000 mm
PU wheel diameter	Ø 58 mm
hardness wheel	80° Shore A
diverting angle	- 90° to +90°

PRODUCT HANDLING

minimum size product	80 x 80 mm
maximum size product	on request
maximum sorting capacity	6.000 parts per hour
minimum product weight	50 g / 1.764 oz
maximum product weight	35 kg / 77,16 lbs.

CONTROL INFORMATION

motor drive	24V pulse gear drive
maximum rotation speed	- 90° to +90° in 0,35 s
motor PU wheels	24V pulse gear drive
maximum speed	1,5 m/s
sensors	1 homing sensor per row
control	1 control card per row, standard 1/0 pin out via M8 connector, EtherCAT or Profinet available

Depending on the application, it may not always be possible to combine maximum values.

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FLOWSORT IS...

modular	only standard modules – no specials
gentle	gentle diverting of products in „flow“ - no abrupt braking or mechanical force
appropriate	throughput 2,500-6,000 products per hours
easy + fast	easy installation in common con- veyor systems saving planning + installation time
connected	downloadable software function blocks can be integrated directly into the PLC
cost-effective	low initial investment combined with later scalability
flexible	intralogistics systems with Flow- sort modules can be re-configured and adjusted with minimal effort
reliable	100% reliable and fast quotations
awarded	top warehouse automation solutions provider in Europe 2022

FLEXIBLE AND OPEN SYSTEM

Flowsort diverters are high speed diverters designed to build into every conveyor system. It is a modular system which can be flexibly configured.

If, for example, 3 rows are required, just one SLD (1 row) and one DLD (2 rows) are connected with each other and done!

ZZ diverters can also handle products with dimensions smaller than 150mm. The ZZ diverters are available as a double row module and can be combined up to a maximum length of 8 rows

Flowsort's open interface approach ensures that both hardware and software connectivity is plug-and-play with all other surrounding technologies, regardless of which vendor those technologies are from.



CHALLENGE US!
WE SOLVE YOUR
SORTING PROBLEM!



YOU ARE INTERESTED, BUT DO NOT YET KNOW WHETHER THE FLOWSORT DIVERTER IS ALSO THE SOLUTION FOR YOUR APPLICATION?

Then use the Flowsort online configurator. With the Flowsort online configurator, you can check the suitability of Flowsort for your specific application and determine which modules are needed. In addition, you can request quotations and advice directly from within the configurator.



**All relevant information
and the configurator
can be found here.**

<https://www.fath24.com/configurator/flowsort>

Visit our webshop to find your Flowsort spare parts.
Shop in comfort with ease online!



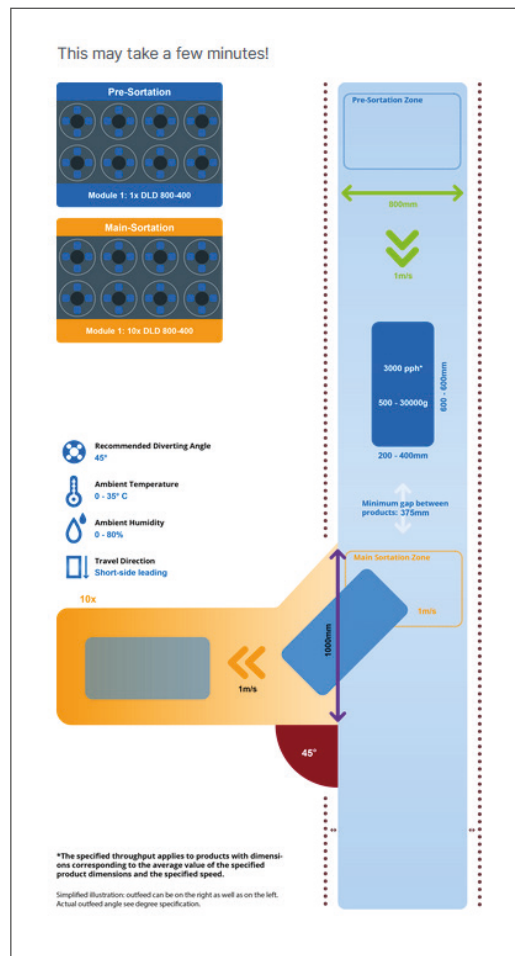
Order online now at your convenience!

<https://shop.fath24.de/flowsort/en/>

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