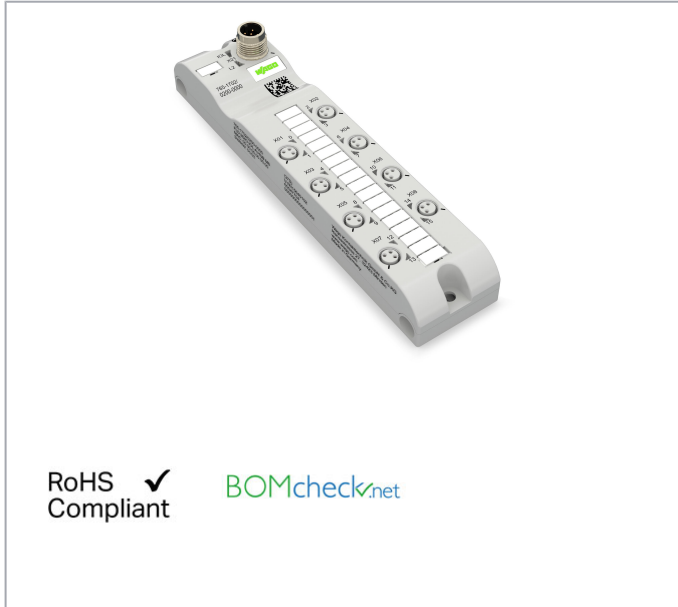


## Data sheet | Item number: 765-1702/200-000

8-channel digital input/output; IO Link Class A Hub; DC 24 V / 2.0 A; 8xM8 connection; HubLine

[www.wago.com/765-1702/200-000](http://www.wago.com/765-1702/200-000)



### Data

#### Technical Data

#### IO-Link

Communication	IO-Link Class A Slave
Connection technology: communication/fieldbus	1 x A-coded M12; 5-pole

#### Gerätefunktionen

Parameter	Input filter Output current Temperature
Diagnostics	Undervoltage; Overcurrent; Overload; Overtemperature

#### Digitalein-/ausgänge

Number of digital inputs	8
Number of digital outputs	8
Connection technology: inputs/outputs	8 x M8; 3-pole

Subject to changes. Please also observe the further product documentation!

WAGO Kontakttechnik GmbH & Co. KG  
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Do you have any questions about our products?  
We are always happy to take your call at +49 (571) 887-44222.



Input characteristic	High-side switching
Input filter	0.2 ... 20 ms
Input characteristic	Type 3, per IEC 61131-2
Output current (per channel)	2 A

## Versorgung

Connection technology: supply	1 x A-coded M12; 5-pole; via IO-Link port (1L)
Supply voltage	24 VDC (18 ... 31.2 V); 1L
Power consumption (max.)	4000 mA
Power consumption (note)	1L: 0.2 A + load current
Reverse voltage protection	Yes

## Geometrical Data

Width	35 mm / 1.378 inch
Height	30 mm / 1.181 inch
Depth	158.5 mm / 6.24 inch

## Mechanical Data

Weight	120 g
Conformity marking	CE

## Environmental Requirements

Surrounding air temperature (operation)	-25 ... 70 °C
Surrounding air temperature (storage)	-40 ... 80 °C
Protection type	IP67
Protection class	III per EN 61140, IEC 61140, VDE 0140-1
Operating altitude	0 ... 2000 m 0 ... 2000 m
Pollution degree (5)	3 per EN 60664-1 3 (EN 60664-1)
Overvoltage category	II (EN 60664-1)
Vibration resistance	5g per IEC 60068-2-6
Shock resistance	Short-term: 50g/11 ms/half-sine per IEC 60068-2-27; Long-term: 30g/6 ms/half-sine per IEC 60068-2-29
EMC immunity to interference	per EN 61000-6-2
EMC emission of interference	per EN 61000-6-4

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## Commercial data

Packaging type	BOX
Country of origin	DE
GTIN	4055143950039
Customs tariff number	85371098990

## Required accessories



### protection

	<b>Item no.: 756-8101</b> M8 protective cap; for unused sockets; -	<a href="http://www.wago.com/756-8101">www.wago.com/756-8101</a>
	<b>Item no.: 756-8103</b> M12 protective cap; for unused plugs; -	<a href="http://www.wago.com/756-8103">www.wago.com/756-8103</a>

### tools






	<b>Item no.: 206-701</b> Torque wrench M8 and M12; Assembly kit	<a href="http://www.wago.com/206-701">www.wago.com/206-701</a>
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### Marking accessories














	<b>Item no.: 2009-110</b> Marking strips; for Smart Printer; on reel; not stretchable; plain; snap-on type; white	<a href="http://www.wago.com/2009-110">www.wago.com/2009-110</a>
	<b>Item no.: 2009-115</b> WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white	<a href="http://www.wago.com/2009-115">www.wago.com/2009-115</a>

## Compatible products














### wiring and connectors

	<b>Item no.: 756-5111/030-015</b> Sensor/Actuator cable; 3-pole; Length: 1.5 m	<a href="http://www.wago.com/756-5111/030-015">www.wago.com/756-5111/030-015</a>
	<b>Item no.: 756-5111/030-050</b> Sensor/Actuator cable; 3-pole; Length: 5 m	<a href="http://www.wago.com/756-5111/030-050">www.wago.com/756-5111/030-050</a>
	<b>Item no.: 756-5111/030-100</b> Sensor/Actuator cable; 3-pole; Length: 10 m	<a href="http://www.wago.com/756-5111/030-100">www.wago.com/756-5111/030-100</a>
	<b>Item no.: 756-5112/030-015</b> Sensor/Actuator cable; 3-pole; Length: 1.5 m	<a href="http://www.wago.com/756-5112/030-015">www.wago.com/756-5112/030-015</a>
	<b>Item no.: 756-5112/030-050</b> Sensor/Actuator cable; 3-pole; Length: 5 m	<a href="http://www.wago.com/756-5112/030-050">www.wago.com/756-5112/030-050</a>

Subject to changes. Please also observe the further product documentation!

	<b>Item no.: 756-5112/030-100</b> Sensor/Actuator cable; 3-pole; Length: 10 m	<a href="http://www.wago.com/756-5112/030-100">www.wago.com/756-5112/030-100</a>
	<b>Item no.: 756-5201/030-010</b> Sensor/Actuator cable; 3-pole; Length: 1 m	<a href="http://www.wago.com/756-5201/030-010">www.wago.com/756-5201/030-010</a>
	<b>Item no.: 756-5201/030-020</b> Sensor/Actuator cable; 3-pole; Length: 2 m	<a href="http://www.wago.com/756-5201/030-020">www.wago.com/756-5201/030-020</a>
	<b>Item no.: 756-5202/030-010</b> Sensor/Actuator cable; 3-pole; Length: 1 m	<a href="http://www.wago.com/756-5202/030-010">www.wago.com/756-5202/030-010</a>
	<b>Item no.: 756-5202/030-020</b> Sensor/Actuator cable; 3-pole; Length: 2 m	<a href="http://www.wago.com/756-5202/030-020">www.wago.com/756-5202/030-020</a>
	<b>Item no.: 756-5203/030-010</b> Sensor/Actuator cable; 3-pole; Length: 1 m	<a href="http://www.wago.com/756-5203/030-010">www.wago.com/756-5203/030-010</a>
	<b>Item no.: 756-5203/030-020</b> Sensor/Actuator cable; 3-pole; Length: 2 m	<a href="http://www.wago.com/756-5203/030-020">www.wago.com/756-5203/030-020</a>
	<b>Item no.: 756-5204/030-010</b> Sensor/Actuator cable; 3-pole; Length: 1 m	<a href="http://www.wago.com/756-5204/030-010">www.wago.com/756-5204/030-010</a>
	<b>Item no.: 756-5204/030-020</b> Sensor/Actuator cable; 3-pole; Length: 2 m	<a href="http://www.wago.com/756-5204/030-020">www.wago.com/756-5204/030-020</a>
	<b>Item no.: 756-5301/050-015</b> Sensor/Actuator cable; 5-pole; Length: 1.5 m	<a href="http://www.wago.com/756-5301/050-015">www.wago.com/756-5301/050-015</a>
	<b>Item no.: 756-5301/050-050</b> Sensor/Actuator cable; 5-pole; Length: 5 m	<a href="http://www.wago.com/756-5301/050-050">www.wago.com/756-5301/050-050</a>
	<b>Item no.: 756-5301/050-100</b> Sensor/Actuator cable; 5-pole; Length: 10 m	<a href="http://www.wago.com/756-5301/050-100">www.wago.com/756-5301/050-100</a>
	<b>Item no.: 756-5302/050-015</b> Sensor/Actuator cable; 5-pole; Length: 1.5 m	<a href="http://www.wago.com/756-5302/050-015">www.wago.com/756-5302/050-015</a>

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	<b>Item no.: 756-5302/050-050</b> Sensor/Actuator cable; 5-pole; Length: 5 m	<a href="http://www.wago.com/756-5302/050-050">www.wago.com/756-5302/050-050</a>
	<b>Item no.: 756-5302/050-100</b> Sensor/Actuator cable; 5-pole; Length: 10 m	<a href="http://www.wago.com/756-5302/050-100">www.wago.com/756-5302/050-100</a>
	<b>Item no.: 756-5401/050-010</b> Sensor/Actuator cable; 5-pole; Length: 1 m	<a href="http://www.wago.com/756-5401/050-010">www.wago.com/756-5401/050-010</a>
	<b>Item no.: 756-5401/050-020</b> Sensor/Actuator cable; 5-pole; Length: 2 m	<a href="http://www.wago.com/756-5401/050-020">www.wago.com/756-5401/050-020</a>
	<b>Item no.: 756-5402/050-010</b> Sensor/Actuator cable; 5-pole; Length: 1 m	<a href="http://www.wago.com/756-5402/050-010">www.wago.com/756-5402/050-010</a>
	<b>Item no.: 756-5402/050-020</b> Sensor/Actuator cable; 5-pole; Length: 2 m	<a href="http://www.wago.com/756-5402/050-020">www.wago.com/756-5402/050-020</a>
	<b>Item no.: 756-5403/050-010</b> Sensor/Actuator cable; 5-pole; Length: 1 m	<a href="http://www.wago.com/756-5403/050-010">www.wago.com/756-5403/050-010</a>
	<b>Item no.: 756-5403/050-020</b> Sensor/Actuator cable; 5-pole; Length: 2 m	<a href="http://www.wago.com/756-5403/050-020">www.wago.com/756-5403/050-020</a>
	<b>Item no.: 756-5404/050-010</b> Sensor/Actuator cable; 5-pole; Length: 1 m	<a href="http://www.wago.com/756-5404/050-010">www.wago.com/756-5404/050-010</a>
	<b>Item no.: 756-5404/050-020</b> Sensor/Actuator cable; 5-pole; Length: 2 m	<a href="http://www.wago.com/756-5404/050-020">www.wago.com/756-5404/050-020</a>
	<b>Item no.: 756-5501/030-010</b> Sensor/Actuator cable; 3-pole; Length: 1 m	<a href="http://www.wago.com/756-5501/030-010">www.wago.com/756-5501/030-010</a>
	<b>Item no.: 756-5501/030-020</b> Sensor/Actuator cable; 3-pole; Length: 2 m	<a href="http://www.wago.com/756-5501/030-020">www.wago.com/756-5501/030-020</a>
	<b>Item no.: 756-5502/030-010</b> Sensor/Actuator cable; 3-pole; Length: 1 m	<a href="http://www.wago.com/756-5502/030-010">www.wago.com/756-5502/030-010</a>

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Item no.: 756-5502/030-020  
Sensor/Actuator cable; 3-pole; Length: 2 m

[www.wago.com/756-5502/030-020](http://www.wago.com/756-5502/030-020)



Item no.: 756-5503/030-010  
Sensor/Actuator cable; 3-pole; Length: 1 m

[www.wago.com/756-5503/030-010](http://www.wago.com/756-5503/030-010)



Item no.: 756-5503/030-020  
Sensor/Actuator cable; 3-pole; Length: 2 m

[www.wago.com/756-5503/030-020](http://www.wago.com/756-5503/030-020)



Item no.: 756-5504/030-010  
Sensor/Actuator cable; 3-pole; Length: 1 m

[www.wago.com/756-5504/030-010](http://www.wago.com/756-5504/030-010)



Item no.: 756-5504/030-020  
Sensor/Actuator cable; 3-pole; Length: 2 m

[www.wago.com/756-5504/030-020](http://www.wago.com/756-5504/030-020)



Item no.: 756-9102/030-000  
Accessories; 3-pole

[www.wago.com/756-9102/030-000](http://www.wago.com/756-9102/030-000)



Item no.: 756-9105/030-000  
Accessories; 3-pole

[www.wago.com/756-9105/030-000](http://www.wago.com/756-9105/030-000)

## Downloads

### Documentation

#### Manual

8-Channel Digital Input/Output; IO-Link Class A Hub DC 24 V / 2.0 A; 8xM8 Connection; HubLine	V 1.1.0 30. 11. 2020	pdf 2.8 MB	Download
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#### System Description

WAGO I/O System Field; General Product Information		pdf 708.2 kB	Download
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## Engineering-Software

### WAGO IO-Link Configurator

WAGO IO-Link Configurator	V5.1.1 17. 12. 2020	ZIP 25.2 MB	Download
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The WAGO IO-Link Configurator is standalone commissioning, configuration and management software for the WAGO Field I/O System's IO-Link Master and Hubs.

It supports all IO-Link devices per the IO-Link specification and allows automatic download of IO-DDs via integrated IO-DD Finder.

Subject to changes. Please also observe the further product documentation!



Register now and test our engineering software for 30 days at no cost.

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## Runtime Software

### Firmware

IO-Field 765-17xx Firmware Download	01	zip 340.6 kB	Download
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## CAD/CAE-Data

### CAD data

2D/3D Models 765-1702/200-000		URL	Download
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### CAE data

ZUKEN Portal 765-1702/200-000		URL	Download
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## Environmental Product Compliance

### Compliance Search

Environmental Product Compliance 765-1702/200-000 8-channel digital input/output; IO Link Class A Hub; DC 24 V / 2.0 A; 8xM8 connection; HubLine		URL	Download
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## Installation Notes

### Product family

**I/O System Field**  
[Show all products from the family](#)

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