

**Data sheet | Item number: 706-5030/301-100**

System cable; for Gefanuc 9030; 2x 8 digital inputs or outputs for higher voltages; Length: 1 m; Conductor cross-section: 0.34 mm<sup>2</sup>



[www.wago.com/706-5030/301-100](http://www.wago.com/706-5030/301-100)



Color coding acc. to DIN VDE 47100 Cable 1; Channel 0-7		WAGO 231 series (JA)		PLC connector	
		Pin number	Wiring	Pin number	Signal
White		1	IN/OUT0.0	2	A1
Brown		2	IN/OUT0.1	3	A2
Green		3	IN/OUT0.2	4	A3
Yellow		4	IN/OUT0.3	5	A4
Grey		5	IN/OUT0.4	6	A5
Pink		6	IN/OUT0.5	7	A6
Blue		7	IN/OUT0.6	8	A7
Red		8	IN/OUT0.7	9	A8
Black		9	nc	nc	nc
Violet		10	N	1	RTN OUT
Grey-Pink		11	nc	nc	nc
Red-Blue		12	nc	nc	nc

  

Color coding acc. to DIN VDE 47100 Cable 2; Channel 8-15		WAGO 231 series (JA)		PLC connector	
		Pin number	Wiring	Pin number	Signal
White		1	IN/OUT0.0	12	B1
Brown		2	IN/OUT0.1	13	B2
Green		3	IN/OUT0.2	14	B3
Yellow		4	IN/OUT0.3	15	B4
Grey		5	IN/OUT0.4	16	B5
Pink		6	IN/OUT0.5	17	B6
Blue		7	IN/OUT0.6	18	B7
Red		8	IN/OUT0.7	19	B8
Black		9	+	11+20	+
Violet		10	nc	nc	nc
Grey-Pink		11	nc	nc	nc
Red-Blue		12	nc	nc	nc

**Data  
Notes**

Note

If less than 3 channels are used simultaneously, the maximum current per conductor is 2 A and up to 5 A (30°C ambient temperature) or 3.5 A (50°C ambient temperature) at pins N/L. If more than 3 channels are used simultaneously, the maximum current per conductor is 0.75 A and up to 5 A (30°C ambient temperature) or 3.5 A (50°C ambient temperature) at pins N/L.

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

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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.



## Electrical data

Inputs/outputs	2 x 8 digital inputs or outputs; for higher voltages
Operating voltage	≤ AC/DC 250 V
Current per wire (max.)	0.75 A

## Compatibility

### GE Fanuc

GE Fanuc 9030	IC693 MAR590 IC693 MDL230 IC693 MDL231 IC693 MDL930 IC693 MDR390
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## Connection data

Cable type	LiYY
Color code	per DIN VDE 47100

### Connection 1

Connector	WAGO 231 Series
Pole number 1	10
Connection type 1	System
Wire cross-section	0.34 mm <sup>2</sup>

### Connection 2

Connector 2	WAGO 231 Series
Pole number 2	10
Connection type 2	System

### Connection 3

Connector 3	GeFanuc IC 693 ACC 311
Pole number 3	20
Connection type 3	System

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



## Physical data

Cable length	1 m
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## Material Data

Weight	330 g
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## Environmental requirements

Ambient temperature (operation)	-20 ... +50 °C
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## Commercial data

ETIM 8.0	EC000237
ETIM 7.0	EC000237
PU (SPU)	1 pcs
Packaging type	bag
Country of origin	FR
GTIN	4055143986434
Customs tariff number	85444290900

## Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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## Downloads

### Documentation

#### System Description

WAGO System Wiring, Selection Guide	pdf	Download
This guide will help you select the appropriate interface modules and system cables for the controller you are using.	545.9 kB	

## Environmental Product Compliance

### Compliance Search

Environmental Product Compliance 706-5030/301-100	URL	Download
System cable; for Gefanuc 9030; 2x 8 digital inputs or outputs for higher voltages; Length: 1 m; Conductor cross-section: 0.34 mm <sup>2</sup>		

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## Installation Notes

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