

Data Sheet | Item Number: 706-5030/301-300

System cable; for GE Fanuc 9030; 2x 8 digital inputs or outputs for higher voltages;
Length: 3 m; Conductor cross-section: 0.34 mm²

<https://www.wago.com/706-5030/301-300>



Similar to illustration

Color coding acc. to DIN VDE 47100 Cable 1; Channel 0-7	WAGO 231 series (AI)	PLC connector		
Pin number	Wiring	Pin number		
White	1	AI0001	2	A1
Brown	2	AI0001	3	A2
Green	3	AI0001	4	A3
Yellow	4	AI0001	5	A4
Grey	5	AI0001	6	A5
Pink	6	AI0001	7	A6
Blue	7	AI0001	8	A7
Red	8	AI0001	9	A8
Black	9	nc	nc	nc
Violet	10	N	1	0V/0V OFF
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 (AI)	PLC connector		
Pin number	Wiring	Pin number		
White	1	AI0001	12	B1
Brown	2	AI0001	13	B2
Green	3	AI0001	14	B3
Yellow	4	AI0001	15	B4
Grey	5	AI0001	16	B5
Pink	6	AI0001	17	B6
Blue	7	AI0001	18	B7
Red	8	AI0001	19	B8
Black	9	+	11+20	+
Violet	10	nc	nc	nc
Grey-Pink	11	nc	nc	nc
Red-Blue	12	nc	nc	nc

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.

Electrical data

Inputs/outputs	2 x 8 digital inputs or outputs; for higher voltages
Operating voltage	≤ 250 VAC/VDC
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

Pluggable connector	WAGO 231 Series
Pole number 1	10
Connection type	System
Wire cross-section	0.34 mm ²



Connection 2	
Connector	WAGO 231 Series
Pole number	10
Connection type	System
Wire cross-section	0.34 mm ²

Connection 3	
Connector	GeFanuc IC 693 ACC 311
Pole number	20
Connection type	System
Wire cross-section	0.34 mm ²

Physical data	
Cable length	3 m

Material data	
Fire load	0 MJ
Weight	1.1 g

Environmental requirements	
Ambient temperature (operation)	-20 ... +50 °C

Commercial data	
PU (SPU)	1 pcs
Packaging type	Box
GTIN	4055143045001

Product Classification	
UNSPSC	26121629
ETIM 9.0	EC000237
ETIM 10.0	EC000237
ECCN	NO US CLASSIFICATION

Environmental Product Compliance	
RoHS Compliance Status	Compliant, No Exemption

Downloads

Environmental Product Compliance

Compliance Search	
Environmental Product Compliance 706-5030/301-300	↓

Documentation

System Description

WAGO System Wiring,
Selection Guide

pdf
533.15 KB

