

Data Sheet | Item Number: 706-5030/100-300

System cable; for GE Fanuc 9030; 16 digital inputs for higher voltages; Length: 3 m;

Conductor cross-section: 0.34 mm²

<https://www.wago.com/706-5030/100-300>



Similar to illustration

Color coding acc. to DIN VDE 47100 Cable 1; Channel 0-7	WAGO 231 series (A)		PLC connector	
	Pin number	Wiring	Pin number	Signal
White	1	0.0	1	A1
Brown	2	0.1	2	A2
Green	3	0.2	3	A3
Yellow	4	0.3	4	A4
Grey	5	0.4	5	A5
Pink	6	0.5	6	A6
Blue	7	0.6	7	A7
Red	8	0.7	8	A8
Black	9	nc	nc	nc
Violet	10	-N	19	N

Color coding acc. to DIN VDE 47100 Cable 2; Channel 0-15	WAGO 231 series (B)		PLC connector	
	Pin number	Wiring	Pin number	Signal
White	11	1.0	9	B1
Brown	12	1.1	10	B2
Green	13	1.2	11	B3
Yellow	14	1.3	12	B4
Grey	15	1.4	13	B5
Pink	16	1.5	14	B6
Blue	17	1.6	15	B7
Red	18	1.7	16	B8
Black	19	nc	nc	nc
Violet	20	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	16 digital inputs; for higher voltages
Operating voltage	≤ 250 VAC/VDC
Current per wire (max.)	0.75 A

Compatibility

GE Fanuc

GE Fanuc 9030	IC693 MDL240
---------------	--------------

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	4055143048590

Product Classification	
UNSPSC	26121604
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 706-5030/100-300	↓

Documentation

System Description

WAGO System Wiring,
Selection Guide

pdf
533.15 KB

