

Data Sheet | Item Number: 706-5030/301-300
System cable; for Gefanuc 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 LAI		PLC connector	
	Pin number	Wiring	Pin number	Signal
White	1	terminal 1	2	A1
Brown	2	terminal 2	3	A2
Green	3	terminal 3	4	A3
Yellow	4	terminal 4	5	A4
Grey	5	terminal 5	6	A5
Pink	6	terminal 6	7	A6
Blue	7	terminal 7	8	A7
Red	8	terminal 8	9	A8
Black	9	acc.	acc.	acc.
Violet	10	N	1	intensity
Grey-Pink	11	acc.	acc.	acc.
Red-Blue	12	acc.	acc.	acc.

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

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	≤ 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

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 ²
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



Physical data	
Cable length	3 m

Material Data	
Fire load	0 MJ
Weight	1.1 g

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

Commercial data	
ETIM 8.0	EC000237
ETIM 7.0	EC000237
PU (SPU)	1 pcs
Packaging type	Box
GTIN	4055143045001

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 