



Similar to illustration

Color coding acc. to DIN VDE 47100	20 poles flat connector		PLC connector	
	Pin number	Wiring	Pin number	Signal
White	1	0.0	2	A1
Brown	2	0.1	3	A2
Green	3	0.2	4	A3
Yellow	4	0.3	5	A4
Grey	5	0.4	6	A5
Pink	6	0.5	7	A6
Blue	7	0.6	8	A7
Red	8	0.7	9	A8
Black	9	1.0	10	B1
Violet	10	1.1	11	B2
Grey-Pink	11	1.2	12	B3
Red-Blue	12	1.3	13	B4
White-Green	13	1.4	14	B5
Brown-Green	14	1.5	15	B6
White-Yellow	15	1.6	16	B7
Yellow-Brown	16	1.7	17	B8
White-Gray	17	nc	nc	nc
Grey-Brown	18	0V	1	M
White-Pink	19	nc	nc	nc
Pink-Brown	20	nc	nc	nc

Notes	
Note	When using more than 10 wires, the maximum current per wire must be reduced to 0.7 A.

Electrical data	
Inputs/outputs	16 digital inputs
Operating voltage	≤ AC/DC 35 V
Current per wire (max.)	1 A

Compatibility	
GE Fanuc	
GE Fanuc 9030	IC693 MDL241 IC693 MDL640 IC693 MDL643 IC693 MDL645 IC693 MDL646

Connection data	
Cable type	LiYY
Color code	per DIN VDE 47100
Connection 1	
Connector	Pluggable connector per DIN 41651; female connector
Pole number 1	20
Connection type 1	System
Wire cross-section	0.14 mm²

Connection 2	
Connector 2	GeFanuc IC 693 ACC 311
Pole number 2	20
Connection type 2	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	4055143043335

Downloads

Environmental Product Compliance

Compliance Search	
Environmental Product Compliance 706-5030/101-300	

Documentation

System Description	
WAGO System Wiring, Selection Guide	pdf 533.15 KB 