



Similar to illustration

Color coding acc. to DIN VDE 47100	25 pin Sub-D connector		PLC connector	
	Pole number	Wiring	Pole number	Signal
White	1	IN0+	2	0V
Brown	2	IN0-	4	0V
Green	3	IN1+	6	1V+
Yellow	4	IN1-	8	1V-
Grey	5	IN2+	10	12V+
Pink	6	IN2-	12	12V-
Blue	7	IN3+	14	12V+
Red	8	IN3-	16	12V-
Black	9	IN4+	22	14V+
Violet	10	IN4-	24	14V-
Grey-Pink	11	IN5+	26	15V+
Red-Blue	12	IN5-	28	15V-
White-Green	13	IN6+	30	18V+
Brown-Green	14	IN6-	32	18V-
White-Yellow	15	IN7+	34	17V+
Yellow-Brown	16	IN7-	36	17V-
White-Gray	17	+24V	41	1V+
Grey-Brown	18	-24V	44	M
White-Pink	19	nc	nc	nc
Pink-Brown	20	nc	nc	nc
White-Blue	21	nc	nc	nc
Brown-Blue	22	nc	nc	nc
White-Red	23	nc	nc	nc
Brown-Red	24	1	18	Main
White-Black	25	nc	nc	nc
Shield				Connected to Sub-D

Notes	
Note	When using more than 10 wires, the maximum current per wire must be reduced to 1 A.

Electrical data	
Inputs/outputs	8 analog inputs; current
Operating voltage	≤ AC/DC 35 V
Current per wire (max.)	2 A

Compatibility	
Siemens	
Siemens S7-1500	6ES7 531-7KF00-0AB0

Connection data	
Cable type	LiYCY
Color code	per DIN VDE 47100
Connection 1	
Connector	D-subminiature female connector
Pole number 1	25
Connection type 1	System
Wire cross-section	0.25 mm²

Connection 2	
Connector 2	Siemens 6ES7-592-1BM00-0XB0
Pole number 2	40
Connection type 2	System



Physical data	
Cable length	1 m

Material Data	
Fire load	0 MJ
Weight	373 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	Bag
GTIN	4055143601016

Downloads

Environmental Product Compliance

Compliance Search	
Environmental Product Compliance 706-2500/405-100	

Documentation

System Description	
WAGO System Wiring, Selection Guide	pdf 533.15 KB 