

Data Sheet | Item Number: 706-2500/603-100
System cable; for Siemens S7-1500; 4 analog inputs and 2 analog outputs, voltage;
Length: 1 m; Conductor cross-section: 0.25 mm²
<https://www.wago.com/706-2500/603-100>



Similar to illustration

Color coding acc. to DIN VDE 47100	25 pin Sub-D connector		PLC connector	
	Pin number	Wiring	Pin number	Signal
White	1	0+	3	0V+
Brown	2	0-	4	0V-
Green	3	1+	7	1V+
Yellow	4	1-	8	1V-
Grey	5	2+	11	2V+
Pink	6	2-	12	2V-
Blue	7	3+	15	3V+
Red	8	3-	16	3V-
Black	9	4+	21	4V+
Violet	10	4-	22	4V-
Grey-Pink	11	5+	23	5V+
Red-Blue	12	5-	24	5V-
White-Green	13	6+	25	6V+
Brown-Green	14	6-	26	6V-
White-Yellow	15	7+	27	7V+
Yellow-Brown	16	7-	28	7V-
White-Gray	17	+24V	41	L+
Grey-Brown	18	-0V	43	M
White-Pink	19	0V	0V	0V
Pink-Brown	20	0V	0V	0V
White-Blue	21	0V	0V	0V
Brown-Blue	22	0V	0V	0V
White-Red	23	0V	0V	0V
Brown-Red	24	0V	0V	0V
White-Black	25	0V	0V	0V
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	4 analog inputs and 2 analog outputs; voltage
Operating voltage	≤ AC/DC 35 V
Current per wire (max.)	2 A

Compatibility	
Siemens	
Siemens S7-1500	6ES7 534-7QE00-0AB0

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 6ES7-592-1AM00-0XB0
Pole number 2	40
Connection type 2	System



Physical data	
Cable length	1 m

Material Data	
Fire load	0 MJ
Weight	398 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	4055143595551

Downloads

Environmental Product Compliance

Compliance Search	
Environmental Product Compliance 706-2500/603-100	

Documentation

System Description	
WAGO System Wiring, Selection Guide	pdf 533.15 KB 