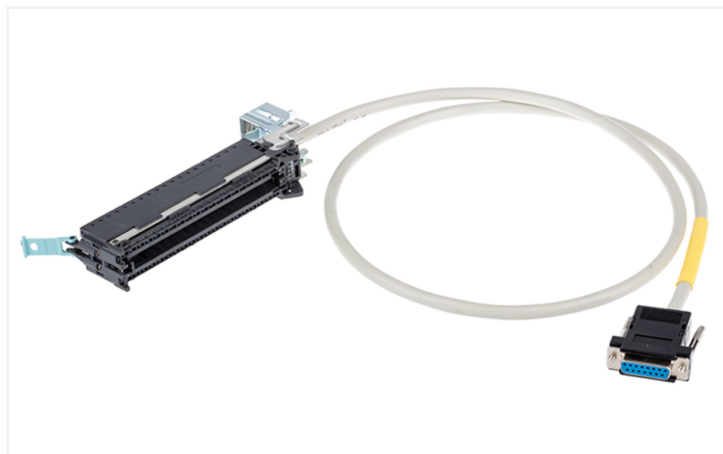


Data Sheet | Item Number: 706-2500/601-100

System cable; for Siemens S7-1500; 4 analog inputs and 2 analog outputs, voltage, current, version 1; Length: 1 m; Conductor cross-section: 0.25 mm²

<https://www.wago.com/706-2500/601-100>



Color coding acc. to DIN VDE 47100	25 poles Sub-D connector		PLC connector	
	Pin number	Wiring	Pin number	Signal
White	1	0+	1	UV0
Brown	2	0-	2	0+
Green	3	1+	5	UV1
Yellow	4	1-	6	1+
Grey	5	2+	9	UV2
Pink	6	2-	10	2+
Blue	7	3+	13	UV3
Red	8	3-	14	3+
Black	9	4+	21	0V0/00
Violet	10	4-	22	50+
Grey-Pink	11	5+	23	50-
Red-Blue	12	5-	24	Mana
White-Green	13	6+	25	0V1/01
Brown-Green	14	6-	26	S1+
White-Yellow	15	7+	27	S1-
Yellow-Brown	16	7-	28	Mana
White-Gray	17	+24V	41	L+
Grey-Brown	18	-0V	43	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	Mana	19	Mana
White-Black	25	nc	nc	nc
Shield				Connected to Sub-D

Similar to illustration

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	≤ 35 VAC/VDC
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

Pluggable connector	D-subminiature female connector
Pole number 1	25
Connection type	System
Wire cross-section	0.25 mm ²

Connection 2

Connector	Siemens 6ES7-592-1AM00-0XB0
Pole number	40
Connection type	System
Wire cross-section	0.25 mm ²

Physical data

Cable length	1 m
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Material data

Fire load	0 MJ
Weight	398 g

Environmental requirements

Ambient temperature (operation)	-20 ... +50 °C
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Commercial data

PU (SPU)	1 pcs
Packaging type	Bag
Country of origin	FR
GTIN	4055143602280
Customs tariff number	85444290900

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
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Downloads

Environmental Product Compliance

Compliance Search

Environmental Product
Compliance
706-2500/601-100



Documentation

System Description

WAGO System Wiring,
Selection Guide

pdf
533.15 KB

