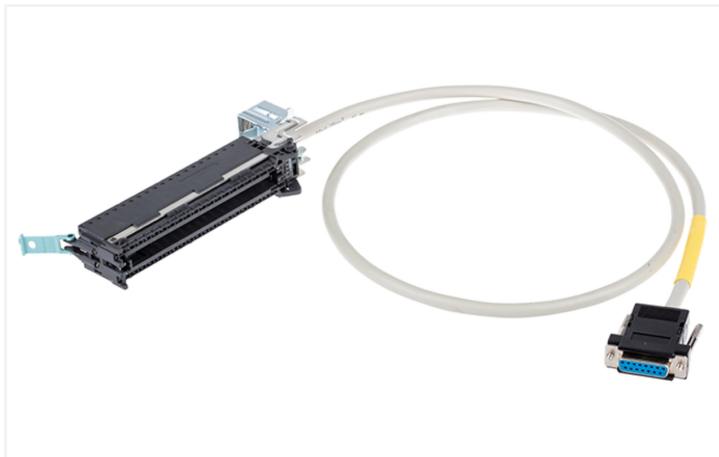


Data Sheet | Item Number: 706-2500/502-300

System cable; for Siemens S7-1500; 8 analog outputs (current); Length: 3 m; Conductor cross-section: 0.25 mm²

<https://www.wago.com/706-2500/502-300>



Color coding acc. to DIN VDE 47100	25 poles Sub-D connector		PLC connector	
	Pin number	Wiring	Pin number	Signal
White	1	0-	1	Q10
Brown	2	0-	4	Mana
Green	3	1+	5	Q11
Yellow	4	1-	8	Mana
Grey	5	2+	9	Q12
Pink	6	2-	12	Mana
Blue	7	3+	13	Q13
Red	8	3-	16	Mana
Black	9	4+	21	Q14
Violet	10	4-	24	Mana
Grey-Pink	11	5+	25	Q15
Red-Blue	12	5-	28	Mana
White-Green	13	6+	29	Q16
Brown-Green	14	6-	32	Mana
White-Yellow	15	7+	33	Q17
Yellow-Brown	16	7-	36	Mana
White-Grey	17	+24V	41	L+
Grey-Brown	18	-0V	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	nc	nc	nc
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	8 analog outputs; current
Operating voltage	≤ 35 VAC/VDC
Current per wire (max.)	2 A

Compatibility

Siemens	
Siemens S7-1500	6ES7 532-5HF00-0AB0

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 6ES7-592-1BM00-0XB0
Pole number	40
Connection type	System
Wire cross-section	0.25 mm ²

Physical data

Cable length	3 m
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Material data

Fire load	0 MJ
Weight	1.1 g

Environmental requirements

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

PU (SPU)	1 pcs
Packaging type	Box
Country of origin	FR
GTIN	4050821893561
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
706-2500/502-300



Documentation

System Description

WAGO System Wiring,
Selection Guide

pdf
533.15 KB

