

# Data Sheet | Item Number: 706-3057/302-100

System cable; for Schneider TSX; 16 digital inputs or outputs; Length: 1 m; Conductor cross-section: 0.14 mm<sup>2</sup>

<https://www.wago.com/706-3057/302-100>



Color coding acc. to DIN VDE 47100	Interface connector		PLC connector	
	Pin number	Wiring	Pin number	Signal
White	1	0.0	1	IN/OUT1
Brown	2	0.1	2	IN/OUT2
Green	3	0.2	3	IN/OUT3
Yellow	4	0.3	4	IN/OUT4
Grey	5	0.4	5	IN/OUT5
Pink	6	0.5	6	IN/OUT6
Blue	7	0.6	7	IN/OUT7
Red	8	0.7	8	IN/OUT8
Black	9	1.0	9	IN/OUT9
Violet	10	1.1	10	IN/OUT10
Grey-Pink	11	1.2	11	IN/OUT11
Red-Blue	12	1.3	12	IN/OUT12
White-Green	13	1.4	13	IN/OUT13
Brown-Green	14	1.5	14	IN/OUT14
White-Yellow	15	1.6	15	IN/OUT15
Yellow-Brown	16	1.7	16	IN/OUT16
White-Grey	17	+24V	17	Alim+
Grey-Brown	18	0V	18	Alim-
White-Pink	19	+24V	19	Alim+
Pink-Brown	20	0V	20	Alim-

Similar to illustration

## 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 or outputs
Operating voltage	≤ 35 VAC/VDC
Current per wire (max.)	1 A

## Compatibility

### Schneider

Schneider TSX	TSX DEY 16D2 TSX DSY 16T2
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## Connection data

Cable type	LiYY
Color code	per DIN VDE 47100

### Connection 1

Pluggable connector	Pluggable connector per DIN 41651; female connector
Pole number 1	20
Connection type	System
Wire cross-section	0.14 mm <sup>2</sup>

**Connection 2**

Connector	Schneider TSXBLY01
Pole number	20
Connection type	System
Wire cross-section	0.14 mm <sup>2</sup>

**Physical data**

Cable length	1 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
GTIN	4045454876135
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**

<b>Compliance Search</b>	
Environmental Product Compliance 706-3057/302-100	



Documentation

System Description

WAGO System Wiring, Selection Guide	pdf 533.15 KB	
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