

# Data Sheet | Item Number: 706-3340/301-100

System cable; for Schneider Modicon M340; 16 digital inputs or outputs; Length: 1 m; Conductor cross-section: 0.14 mm<sup>2</sup>

<https://www.wago.com/706-3340/301-100>



Color coding acc. to DIN VDE 47100	20 poles flat connector		PLC connector	
	Pin number	Wiring	Pin number	Signal
White	1	IN/OUT.0	1	0
Brown	2	IN/OUT.1	2	1
Green	3	IN/OUT.2	3	2
Yellow	4	IN/OUT.3	4	3
Grey	5	IN/OUT.4	5	4
Pink	6	IN/OUT.5	6	5
Blue	7	IN/OUT.6	7	6
Red	8	IN/OUT.7	8	7
Black	9	IN/OUT.8	9	8
Violet	10	IN/OUT.9	10	9
Grey-Pink	11	IN/OUT.10	11	10
Red-Blue	12	IN/OUT.11	12	11
White-Green	13	IN/OUT.12	13	12
Brown-Green	14	IN/OUT.13	14	13
White-Yellow	15	IN/OUT.14	15	14
Yellow-Brown	16	IN/OUT.15	16	15
White-Grey	17	+24V	18	+
Grey-Brown	18	0V	17	-
White-Pink	19	+24V	20	+
Pink-Brown	20	0V	19	-

## 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

≤ AC/DC 35 V

Current per wire (max.)

1 A

## Compatibility

### Schneider

Schneider Modicon M340

BMX DDI 1602

BMX DDO 1602

## Connection data

Cable type

LiYY

Color code

per DIN VDE 47100

### Connection 1

Connector

Pluggable connector per DIN 41651; female connector

Pole number 1

20

Connection type 1

System

Wire cross-section

0.14 mm<sup>2</sup>

### Connection 2

Connector 2

Schneider BMXFTB2020

Pole number 2

20

Connection type 2

System

### Physical data

Cable length	1 m
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### Material data

Fire load	0 MJ
Weight	165 g

### Environmental requirements

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

ETIM 8.0	EC000237
ETIM 7.0	EC000237
PU (SPU)	1 pcs
Packaging type	Bag
Country of origin	FR
GTIN	4055143504652
Customs tariff number	85444290900

### Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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### Downloads

#### Environmental Product Compliance

##### Compliance Search

Environmental Product  
Compliance  
706-3340/301-100



### Documentation

#### System Description

WAGO System Wiring,  
Selection Guide

pdf  
533.15 KB

