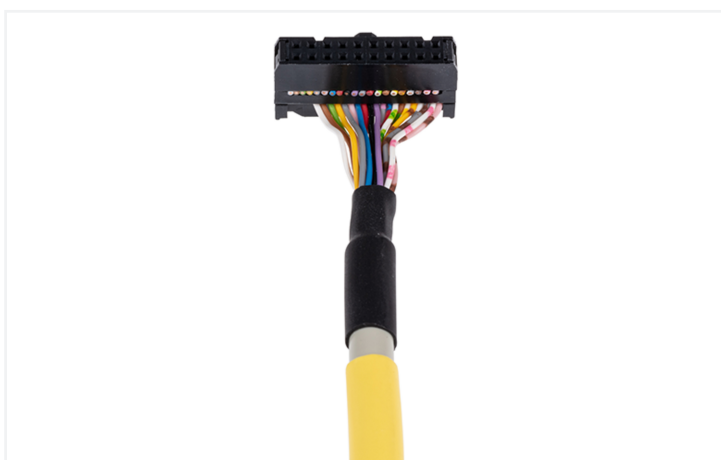
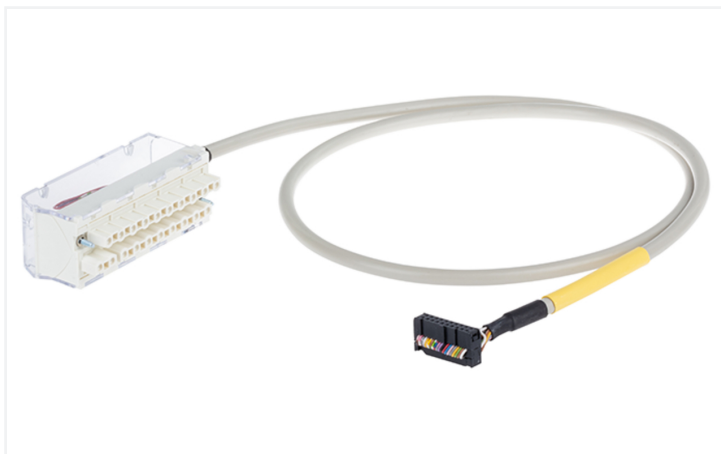


# Data Sheet | Item Number: 706-3340/301-100

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/OUT0.0	1	0
Brown	2	IN/OUT0.1	2	1
Green	3	IN/OUT0.2	3	2
Yellow	4	IN/OUT0.3	4	3
Grey	5	IN/OUT0.4	5	4
Pink	6	IN/OUT0.5	6	5
Blue	7	IN/OUT0.6	7	6
Red	8	IN/OUT0.7	8	7
Black	9	IN/OUT1.0	9	8
Violet	10	IN/OUT1.1	10	9
Grey-Pink	11	IN/OUT1.2	11	10
Red-Blue	12	IN/OUT1.3	12	11
White-Green	13	IN/OUT1.4	13	12
Brown-Green	14	IN/OUT1.5	14	13
White-Yellow	15	IN/OUT1.6	15	14
Yellow-Brown	16	IN/OUT1.7	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	≤ 35 VAC/VDC
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

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 BMXFTB2020
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	165 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	4055143504652
Customs tariff number	85444290900

### Product Classification

UNSPSC	26121629
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  
706-3340/301-100



## Documentation

#### System Description

WAGO System Wiring,  
Selection Guide

pdf  
533.15 KB

