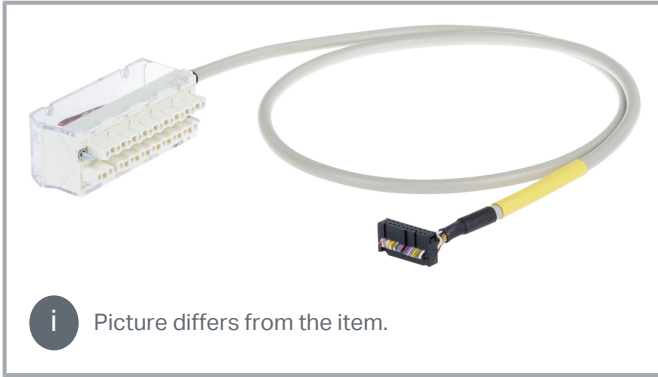


Data sheet | Item number: 706-3140/302-100

System cable; for Schneider Modicon Quantum; 16 digital inputs and 8 digital outputs; Length: 1 m; Conductor cross-section: 0.14 mm<sup>2</sup>



[www.wago.com/706-3140/302-100](http://www.wago.com/706-3140/302-100)



Color coding acc. to DIN VDE 47100 Cable 1; Channel 0-15		20 poles flat connector		PLC connector	
		Pin number	Wiring	Pin number	Signal
White		1	IN0.0	21	DI+0.0
Brown		2	IN0.1	22	DI+0.1
Green		3	IN0.2	23	DI+0.2
Yellow		4	IN0.3	24	DI+0.3
Grey		5	IN0.4	25	DI+0.4
Pink		6	IN0.5	26	DI+0.5
Blue		7	IN0.6	27	DI+0.6
Red		8	IN0.7	28	DI+0.7
Black		9	IN1.0	31	DI+1.0
Violet		10	IN1.1	32	DI+1.1
Grey-Pink		11	IN1.2	33	DI+1.2
Red-Blue		12	IN1.3	34	DI+1.3
White-Green		13	IN1.4	35	DI+1.4
Brown-Green		14	IN1.5	36	DI+1.5
White-Yellow		15	IN1.6	37	DI+1.6
Yellow-Brown		16	IN1.7	38	DI+1.7
White-Grey		17	nc	nc	nc
Grey-Brown		18	0V	29	M
White-Pink		19	nc	nc	nc
Pink-Brown		20	0V	39	M

Color coding acc. to DIN VDE 47100 Cable 2; Channel 0-7		10 poles flat connector		PLC connector	
		Pin number	Wiring	Pin number	Signal
White		1	OUT0.0	1	DO+0.0
Brown		2	OUT0.1	3	DO+0.1
Green		3	OUT0.2	5	DO+0.2
Yellow		4	OUT0.3	7	DO+0.3
Grey		5	OUT0.4	11	DO+0.4
Pink		6	OUT0.5	13	DO+0.5
Blue		7	OUT0.6	15	DO+0.6
Red		8	OUT0.7	17	DO+0.7
Black		9	+24V	10+20	US
Violet		10	0V	9+19	M1

Data  
Notes

Note When using more than 10 wires, the maximum current per wire must be reduced to 0.7 A.

Subject to changes. Please also observe the further product documentation!

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Do you have any questions about our products?  
We are always happy to take your call at +49 (571) 887-44222.



## Electrical data

Inputs/outputs	16 digital inputs and 8 digital outputs
Operating voltage	≤ AC/DC 35 V
Current per wire (max.)	1 A

## Compatibility

### Schneider

Schneider Modicon Quantum	140 DDM 390 00
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## Connection data

Cable type	LIYY
Color code	per DIN VDE 47100

## Connection 1

Connector	Pluggable connector per DIN 41651; female connector
Pole number 1	10
Connection type 1	System
Wire cross-section	0.14 mm <sup>2</sup>

## Connection 2

Connector 2	Pluggable connector per DIN 41651; female connector
Pole number 2	20
Connection type 2	System

## Connection 3

Connector 3	Schneider 140XTS00200
Pole number 3	40
Connection type 3	System

## Physical data

Cable length	1 m
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## Material Data

Weight	351 g
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## 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	4055143999427
Customs tariff number	85444290900

## Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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## Downloads

### Documentation

#### System Description

WAGO System Wiring, Selection Guide This guide will help you select the appropriate interface modules and system cables for the controller you are using.	pdf 545.9 kB	Download
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## Environmental Product Compliance

### Compliance Search

Environmental Product Compliance 706-3140/302-100 System cable; for Schneider Modicon Quantum; 16 digital inputs and 8 digital outputs; Length: 1 m; Conductor cross-section: 0.14 mm <sup>2</sup>	URL	Download
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## Installation Notes

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