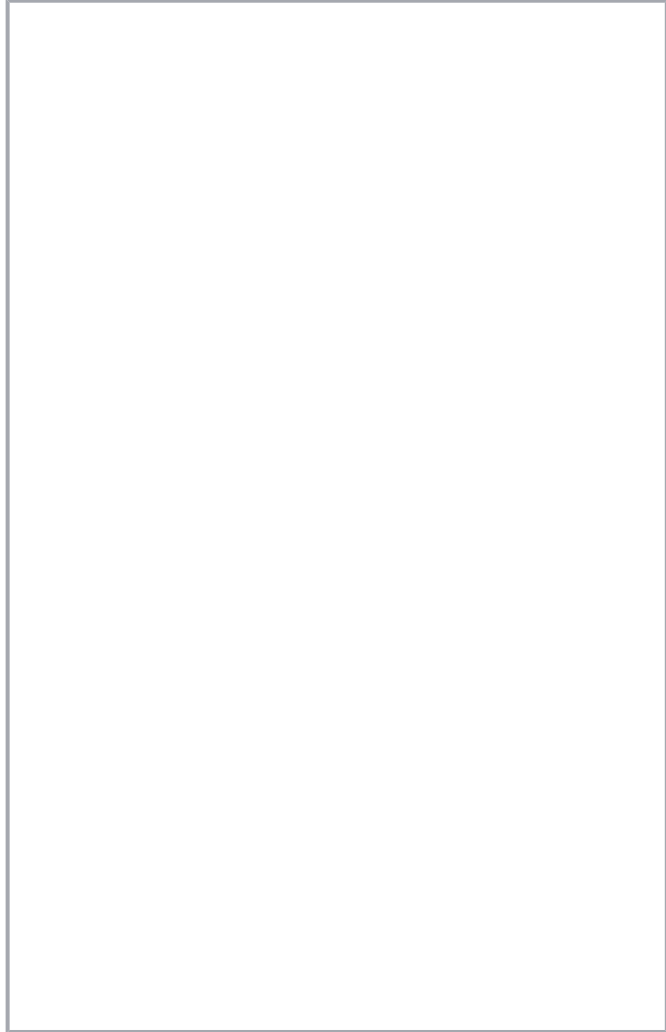


Data sheet | Item number: 704-8012

Interface module for system wiring; with solder pin; Male connector; 15-pole; 4-channel analog input or output; 4-wire; PCB terminal blocks; in mounting carrier



www.wago.com/704-8012



Data

Electrical data

Inputs/outputs	4-channel analog input or output
Circuit type	2-wire connection 4-wire connection
Operating voltage	≤48 VDC
Limiting continuous current	1 A

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

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Internal fuse

Supply: 2 A

Specialty functions

With disconnect/test terminal blocks
with disconnect/test terminal blocks

Safety and protection

Rated voltage

50 V

Rated surge voltage

0.8 kV

Pollution degree

2

Compatibility

Siemens

Siemens S7-300

6ES7 331-7KB02-0AB0
 6ES7 331-7KB81-0AB0
 6ES7 331-7RD00-0AB0
 6ES7 332-5HB01-0AB0
 6ES7 332-5HB81-0AB0
 6ES7 332-5HD01-0AB0
 6ES7 332-7ND02-0AB0

Siemens S7-1500

6ES7 531-7QD00-0AB0
 6ES7 532-5HD00-0AB0
 6ES7 532-5ND00-0AB0

GE Fanuc

GE Fanuc 9030

IC693 ALG220
 IC693 ALG221

Schneider

Schneider Modicon TM3

TM3 AI2H(G)
 TM3 AI4(G)
 TM3 AQ2(G)
 TM3 AQ4(G)
 TM3 TI4(G)
 TM3 TM3(G)

Schneider Modicon M340

BMX AMI 0410
 BMX AMO 0210
 BMX AMO 0410

Schneider Modicon Quantum

140 ACO 020 00

Schneider TSX

TSX AEY 414
 TSX ASY 410

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TSX ASZ 200
TSX ASZ 401

Rockwell

Rockwell Compact Logix	1769 - IF4 1769 - IF4I 1769 - IF8 1769 - OF2 1769 - OF4 1769 - OF4CI 1769 - OF4VI
Rockwell Control Logix	1756 - OF4

WAGO

WAGO I/O System 753	753-453 (x1) 753-455 (x1) 753-457 (x1) 753-459 (x1) 753-553 (x1) 753-555 (x1) 753-557 (x1) 753-559 (x1)
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Connection data

Connection 1

Connector	D-sub male connector
Pole number 1	15
Connection type 1	System
Note (conductor cross-section)	12 AWG: THHN, THWN
Mating direction	vertical

Connection 2

Design 2	PCB terminal blocks
Pole number 2	8
Connection type 2	Field
WAGO connector 2	WAGO 742 Series
Solid conductor 2	0.08 ... 2.5 mm ² / 28 ... 12 AWG
Fine-stranded conductor 2	0.08 ... 2.5 mm ² / 28 ... 12 AWG
Strip length 2	8 ... 9 mm / 0.31 ... 0.35 inches

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Connection 3

Design 3	PCB terminal blocks (double-row)
Pole number 3	16
Connection type 3	Field
WAGO connector 3	WAGO 236 Series
Solid conductor 3	0.08 ... 2.5 mm ² / 28 ... 12 AWG
Fine-stranded conductor 3	0.08 ... 2.5 mm ² / 28 ... 12 AWG
Strip length 3	5 ... 6 mm / 0.2 ... 0.24 inches

Connection 4

Design 4	PCB terminal blocks (double-deck)
Pole number 4	6
Connection type 4	Power supply
Connection technology 4	CAGE CLAMP®
WAGO connector 4	WAGO 736 Series
Solid conductor 4	0.08 ... 2.5 mm ² / 28 ... 12 AWG
Fine-stranded conductor 4	0.08 ... 2.5 mm ² / 28 ... 12 AWG
Strip length 4	5 ... 6 mm / 0.2 ... 0.24 inches

Physical data

Width	66 mm / 2.598 inches
Height	105 mm / 4.134 inches
Depth from upper-edge of DIN-rail	50 mm / 1.969 inches

Mechanical Data

Mounting type	DIN-35 rail
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Material Data

Fire load	1.704 MJ
Weight	131 g

Environmental requirements

Ambient temperature (operation)	-20 ... +50 °C
Ambient temperature (storage)	-40 ... +70 °C

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Relative humidity	85% (non-condensing)
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Commercial data

Product Group	30 (WAGO France)
eCl@ss 10.0	27-14-11-52
eCl@ss 9.0	27-14-11-52
ETIM 8.0	EC002780
ETIM 7.0	EC002780
PU (SPU)	1 pcs
Packaging type	box
Country of origin	FR
GTIN	4050821115441
Customs tariff number	85366990990

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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Optional accessories

Cables and pluggable connectors

System cable

Item no.: 706-2300/500-100

System cable; for Siemens S7-300; 4 analog outputs (current); Length: 1 m; Conductor cross-section: 0.25 mm²

www.wago.com/706-2300/500-100

Item no.: 706-2300/500-200

System cable; for Siemens S7-300; 4 analog outputs (current); Length: 2 m; Conductor cross-section: 0.25 mm²

www.wago.com/706-2300/500-200

Item no.: 706-2300/500-300

System cable; for Siemens S7-300; 4 analog outputs (current); Length: 3 m; Conductor cross-section: 0.25 mm²

www.wago.com/706-2300/500-300

Marking accessories

Marking strip

Item no.: 2009-110

Marking strips; for Smart Printer; on reel; not stretchable; plain; snap-on type; white

www.wago.com/2009-110

Item no.: 709-196

Marking strips; for laser printer; translucent

www.wago.com/709-196

Item no.: 709-178

Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type; white

www.wago.com/709-178

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

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Item no.: 709-177

Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type; translucent

www.wago.com/709-177

Downloads

Documentation

Bid Text

704-8012 X81 - Datei	2019 年2月19 日	xml 3.6 kB	Download
704-8012 doc - Datei	2015 年11月20 日	doc 26.1 kB	Download

Additional Information

Disposal and Recycling Electrical and electronic equipment, Batteries, Packaging	V 1.1.0 2022 年8月18 日	pdf 2.2 MB	Download
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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 usng.		pdf 545.9 kB	Download
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CAD/CAE-Data

CAE data

EPLAN Data Portal 704-8012		URL	Download
WSCAD Universe 704-8012		URL	Download

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 704-8012 Interface module for system wiring; with solder pin; Male connector; 15-pole; 4-channel analog input or output; 4-wire; PCB terminal blocks; in mounting carrier		URL	Download
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Installation Notes

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