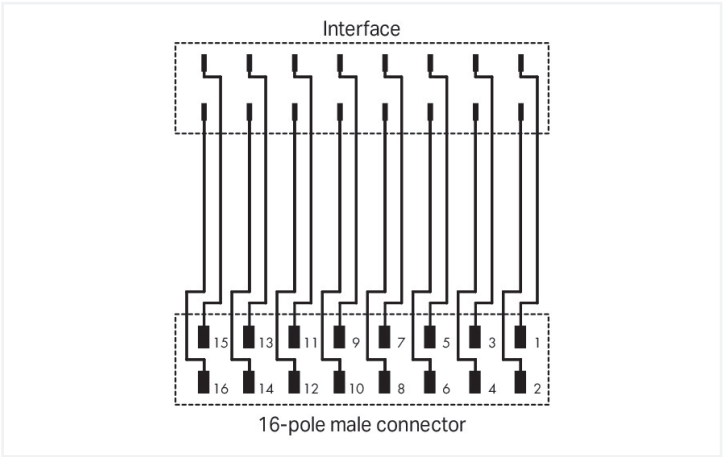
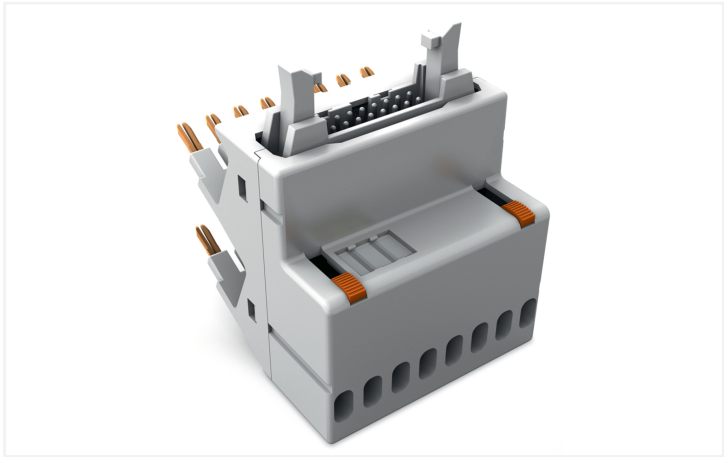




Notes		
Note		The specified technical data are maximum values. They may be limited by the accessories used.

Electrical data		
Inputs/outputs		8-channel analog input or output
Operating voltage		≤ 30 VDC
Limiting continuous current		1 A
Contact resistance		≤ 20 mΩ

Safety and protection		
Dielectric strength (contact/contact) (AC, 1 min)		0.5 kVrms
Protection type		IP20

Connection Data		
Performance level	3	
Connection 1		
Pluggable connector		Pluggable connector per DIN 41651; male connector
Pole number 1		16
Connection type		System

Connection 2		
Design		Plug for jumper slot
Pole number		16
Connection type		Field



Mechanical data		
Mounting type		Pluggable module

Material data		
Insulation material (main housing)		Polyamide (PA66)
Flammability class per UL94		V0
Fire load		0.381 MJ
Weight		41.4 g

Environmental requirements		
Ambient temperature (operation)		-25 ... +70 °C
Ambient temperature (storage)		-40 ... +85 °C
Relative humidity		5 ... 95 % (no condensation permissible)

Standards and Specifications		
Standards/specifications		DNV

Commercial data		
Product Group		6 (INTERFACE ELECTRONIC)
PU (SPU)		1 pcs
Packaging type		Box
Country of origin		DE
GTIN		4045454995164
Customs tariff number		85369010000

Product Classification		
UNSPSC		39121402
eCl@ss 10.0		19-17-90-01
eCl@ss 9.0		19-17-90-01
ETIM 9.0		EC002780
ETIM 10.0		EC002780
ECCN		NO US CLASSIFICATION

Environmental Product Compliance		
RoHS Compliance Status		Compliant, No Exemption
SCIP notification number (Austria)		dd36189c-f0fd-4e0c-8c16-ee914fdf71c9
SCIP notification number (Belgium)		ff880780-c2cb-4575-bf9d-c1f80cbe0320
SCIP notification number (Bulgaria)		26b4cd39-d03c-437b-8676-62e7e90fda62
SCIP notification number (Czech Republic)		d4ad5d9f-72d9-475c-b447-a00c567f2691
SCIP notification number (Denmark)		f5f9d403-9f7f-4474-913e-73cddb61e9e0
SCIP notification number (Finland)		6d9728e4-638f-41ab-96f5-fedf63659103
SCIP notification number (France)		93b61fa7-f345-4a90-a337-633264c1b190
SCIP notification number (Germany)		8529b258-9008-475f-a564-11efb66620da
SCIP notification number (Hungary)		80696cec-d99c-4aea-8841-61da8d759a89
SCIP notification number (Italy)		bb4f037d-8599-4b06-b8bb-cc28bb748190
SCIP notification number (Netherlands)		9ca13b4f-51d3-4a45-9010-7db0f2b49ad0
SCIP notification number (Poland)		68a61ca6-c964-48f4-8d4e-ec6bde1efba9
SCIP notification number (Romania)		6d0db4df-d9f6-4bfe-a883-bae626009a7a
SCIP notification number (Sweden)		494f3f33-0ee7-4dbd-b351-b41868004926



Approvals / Certificates

General approvals



cURus

Underwriters Laboratories Inc.

Standard

UL 508

Certificate Name

E175199 Vol.2 Sec.1

Declarations of conformity and manufacturer's declarations

Approval

EU-Declaration of Confor-
mity
WAGO GmbH & Co. KG

Standard

-

Certificate Name

-

Approval

UK-Declaration of Confor-
mity
WAGO GmbH & Co. KG

Standard

-

Certificate Name

-

Approvals for marine applications



Bureau Veritas



DNV

Approval

BV
Bureau Veritas S.A.

Standard

Rules for class. of Steel
Ships

Certificate Name

40179_B0

Approval

DNV
DNV Germany GmbH

Standard

DNV-CG-0339,Aug.2021

Certificate Name

TAA00001D1

Approvals for hazardous areas



PTB
0102



Ex



CCC



IECEx



UKEX

DEKRA 8505

Approval

ATEX
TUEV Nord Cert GmbH

Standard

EN 60079-0

Certificate Name

TUEV14ATEX112692X (II
3G Ex ec IIC T4 Gc)

Approval

CCC
CNEX

Standard

CNCA-C23-01

Certificate Name

2020312310000210 (Ex
ec IIC T4 Gc)

Approval

IECEx
TUEV Nord Cert GmbH

Standard

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Certificate Name

IECEX TUN14.0030X

Approval

UKEx
WAGO GmbH & Co. KG

Standard

EN 60079-0

Certificate Name

WAGO22UKEX004X

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product
Compliance 857-980



Documentation

Bid Text

857-980

19.02.2019

xml
3.00 KB



857-980

20.02.2019

docx
15.72 KB



Instruction Leaflet

CCC Ex (Additional in-
formation)

26.04.2023

pdf
140.99 KB



8-fach-Adapter für die
Systemverkabelung

V 2.0.1
09.05.2022

pdf
2056.05 KB



CAD/CAE-Data

CAD data

2D/3D Models 857-980



CAE data

EPLAN Data Portal
857-980



WSCAD Universe
857-980



ZUKEN Portal 857-980





1 Compatible Products
1.1 Optional Accessories
1.1.1 Cables and connectors
1.1.1.1 Connecting cable



Item No.: 706-100/1602-200 Connection cable; 16-pole; open-ended; Length: 2 m; Conductor cross-section: 0.14 mm ² ; UR components, 857 Series	Item No.: 706-753/301-100 Connection cable; 16-pole; Pluggable connector per DIN 41651; 16-pole; Plug- gable connector per DIN 41651; Length: 1 m (1 MOhm); Conductor cross-section: 0.14 mm ²	Item No.: 706-753/301-200 Connection cable; 16-pole; Pluggable connector per DIN 41651; 16-pole; Plug- gable connector per DIN 41651; Length: 2 m; Conductor cross-section: 0.14 mm ²	Item No.: 706-753/301-300 Connection cable; 16-pole; Pluggable connector per DIN 41651; 16-pole; Plug- gable connector per DIN 41651; Length: 3 m; Conductor cross-section: 0.14 mm ²
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