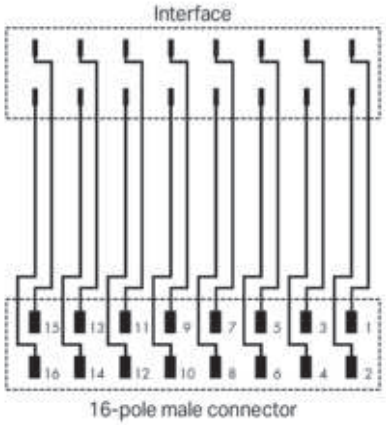
Data Sheet | Item Number: 857-980

Interface adapter; 16-pole; analog

https://www.wago.com/857-980





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	0.57 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

Continued on next page

Approvals / Certificates

General approvals

Approval	Standard	Certificate Name
cURus Underwriters Laboratories Inc.	UL 508	E175199 Vol.2 Sec.1

Declarations of conformity and manufacturer's declarations

Approval	Standard	Certificate Name
EU-Declaration of Conformity WAGO GmbH & Co. KG	-	-
UK-Declaration of Conformity WAGO GmbH & Co. KG	-	-

Approvals for marine applications

Approval	Standard	Certificate Name
DNV DNV Germany GmbH	DNV-CG-0339,Aug.2021	TAA00001D1

Approvals for hazardous areas

Approval	Standard	Certificate Name
ATEX TUEV Nord Cert GmbH	EN 60079-0	TUEV14ATEX112692X (II 3G Ex ec IIC T4 Gc)
CCC CNEX	CNCA-C23-01	2020312310000210 (Ex ec IIC T4 Gc)
IECEx TUEV Nord Cert GmbH	-	IECEX TUN14.0030X
UKEx WAGO GmbH & Co. KG	EN 60079-0	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 information)	26.04.2023	pdf 140.99 KB
8-fach-Adapter für die Systemverkabelung	V 2.0.1 09.05.2022	pdf 2056.05 KB

Continued on next page

CAD/CAE-Data

CAD data	CAE data
2D/3D Models 857-980	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 mm²; UR components, 857 Series



Item No.: 706-753/301-100
Connection cable; 16-pole; Pluggable connector per DIN 41651; 16-pole; Pluggable connector per DIN 41651; Length: 1 m (1 MOhm); Conductor cross-section: 0.14 mm²



Item No.: 706-753/301-200
Connection cable; 16-pole; Pluggable connector per DIN 41651; 16-pole; Pluggable connector per DIN 41651; Length: 2 m; Conductor cross-section: 0.14 mm²



Item No.: 706-753/301-300
Connection cable; 16-pole; Pluggable connector per DIN 41651; 16-pole; Pluggable connector per DIN 41651; Length: 3 m; Conductor cross-section: 0.14 mm²