



This analog input module processes standard 0–10 V signals. The input signal is electrically isolated and is transmitted with a resolution of 12 bits. The internal system supply powers the module. The input channels of the module have a common ground potential. The shield directly connects to the DIN-rail.

Technical data	
Number of analog inputs	2
Total number of channels (module)	2
Signal type	Voltage
Signal type (voltage)	0 ... 10 VDC
Sensor connection	2 x (2-wire)
Input voltage (max.)	35 V
Signal characteristics	Single-ended
Resolution [bit]	12 bits
Data width	2 x 16-bit data; 2 x 8-bit control/status (optional)
Internal resistance	130 kΩ
Conversion time (typ.)	2 ms
Measurement error (reference temperature)	25 °C
Measurement error, deviation (max.) from the upper-range value	0.2 %
Temperature error (max.) of the upper-range value	0.01 %/K
Supply voltage (system)	5 VDC; via data contacts
Current consumption (5 V system supply)	60 mA

Technical data

Isolation	500 V system/field
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Connection data

Connection technology: inputs/outputs	8 x CAGE CLAMP®
Connection type 1	Inputs/outputs
Solid conductor	0.08 ... 2.5 mm ² / 28 ... 14 AWG
Fine-stranded conductor	0.08 ... 2.5 mm ² / 28 ... 14 AWG
Strip length	8 ... 9 mm / 0.31 ... 0.35 inches

Physical data

Width	12 mm / 0.472 inches
Height	100 mm / 3.937 inches
Depth	69.8 mm / 2.748 inches
Depth from upper-edge of DIN-rail	62.6 mm / 2.465 inches

Mechanical data

Mounting type	DIN-35 rail
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Material data

Color	light gray
Housing material	Polycarbonate; polyamide 6.6
Fire load	1.001 MJ
Weight	47.6 g
Conformity marking	CE

Environmental requirements

Ambient temperature (operation)	0 ... +55 °C
Surrounding air temperature (storage)	-25 ... +85 °C
Protection type	IP20
Pollution degree (5)	2 per IEC 61131-2
Operating altitude	0 ... 2000 m / 0 ... 6562 ft
Mounting position	horizontal (standing/lying); vertical
Relative humidity (without condensation)	95 %
Vibration resistance	per IEC 60068-2-6
Shock resistance	15g per IEC 60068-2-27
EMC immunity to interference	per EN 61000-6-2
EMC emission of interference	per EN 61000-6-4
Exposure to pollutants	per IEC 60068-2-42 and IEC 60068-2-43
Permissible H ₂ S contaminant concentration at a relative humidity 75 %	10 ppm
Permissible SO ₂ contaminant concentration at a relative humidity 75 %	25 ppm

Commercial data

Product Group	15 (Remote I/O)
eCl@ss 10.0	27-24-26-01
eCl@ss 9.0	27-24-26-01
ETIM 8.0	EC001596
ETIM 7.0	EC001596
PU (SPU)	1 Stück
Packaging type	Box
Country of origin VKOrg Germany	DE
GTIN	4045454392994
Customs tariff number VKOrg Germany	85389099990

Approvals and certificates

Ex-Approvals



Approval	Standard	Certificate name
ATEX TUEV Nord Cert GmbH	EN 60079-0	
CCCEX CQST/CNEx	CNCA-C23-01	2020312310000215 (Ex nA IIC T4 Gc)
EAC Brjansker Zertifizierungsstelle	TP TC 012/2011	EAC RU C-DE.AM02. B.00163/19 (2Ex nA IIC T4 Gc X)
IECEX TUEV Nord Cert GmbH	IEC 60079-0	IECEX_TUN_14.0035_X (Ex ec IIC T4 Gc)
INMETRO TÜV Rheinland do Brasil Ltda.	IEC 60079-0	BR-Ex_TÜV 12.1297 X
UL Underwriters Laboratories Inc. (HAZARDOUS LOCATIONS)	UL 121201	E198726 Sec.1

Country specific Approvals



Approval	Standard	Certificate name
EAC Brjansker Zertifizierungsstelle	TP TC 020/2011	EAC RU C-DE.AM02. B.00087/19
KC National Radio Research Agency	Article 58-2, Clause 3	MSIP-REM-W43-AIM750

UL-Approvals



Approval	Standard	Certificate name
UL Underwriters Laboratories Inc. (ORDINARY LOCATIONS)	UL 508	E175199 Sec.1

Downloads

Environmental Product Compliance

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Compliance 750-467



Documentation

Manual

2-channel, 0-10VDC, V 1.0.4 pdf
single-ended 1979.89 KB



System Manual WAGO V 3.1.0 pdf
I/O System 750 / 753 11.05.2022 8495.90 KB



System Manual Series
750/753



System Description

750/753 Series I/O- pdf
System – General Pro- 953.35 KB
duct Information



Overview on WAGO-I/ pdf
O-SYSTEM 750 appro- 770.48 KB
vals



Use in Hazardous Envi- V 1.0.0 pdf
ronments 1007.06 KB



Additional Information

Disposal; Electrical and V 1.0.0 pdf
and electronic equipment, 259.56 KB
Packaging



Bid Text

750-467 16.09.2019 xml
5.64 KB



750-467 28.06.2017 doc
27.50 KB



750-467 28.06.2017 docx
16.84 KB



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CAD/CAE-Data

CAD data

2D/3D Models 750-467



CAE data

EPLAN Data Portal
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WSCAD Universe
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ZUKEN Portal 750-467



Device Files

Device Driver

WAGO USB Service Ka- 6.5.3.0 zip
bel Treiber / Serie 750 10.09.2014 4721.96 KB
und 857



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

Current addresses can be found at: www.wago.com