



Application area:
 Decentralized pre-processing and conversion of analog signals

The device is used for signal acquisition of a connected sensor or another device with an analog output (0 ... 10 V).
 The device has two analog voltage inputs.

Use as an IO-Link device:
 The device has an IO-Link communication interface that requires an IO-Link-capable module (IO-Link master) for interoperation.
 The IO-Link interface allows direct access to the process and diagnostic data and enables setting of the device parameters during operation.

Notes

Note	Length of connection cables: 20 m
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Technical data

General information

Supply voltage	24 VDC (18 ... 30 V)
Current consumption (max.)	380 mA
Accuracy (+25 °C)	0.25 % of the upper-range value
Indicators	Analog input: 2 x yellow LED; Power: 1 x green LED

Input

Number of analog inputs	2
Input signal (voltage)	0 ... 10 V
Current carrying capacity	Total inputs (max. 200 mA)
Internal resistance	100 kΩ

Output

Signal type (voltage)	0 ... 10 VDC
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IO-Link

Communications	IO-Link Class A/B
Transmission modes	COM2 (38.4 kBaud)
IO-Link version	1.1
Process data	2 x 16-bit IN (analog)
Cycle time	4.6 ms (min.)
Parameterizable functions	Application-specific identifier, system identifier, location identifier, mean value filter

Connection data

Connection technology: inputs/outputs	1 x M12-A socket; 5-pole (inputs, double assignment); 1 x M12-A plug; 4-pole (IO-Link)
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Physical data

Width	30 mm
Height	63 mm
Depth	24 mm

Mechanical data

Weight	92 g
Housing material	PA

Environmental requirements

Ambient temperature (operation)	-25 ... +70 °C
Ambient temperature (storage)	-25 ... +70 °C
Protection type	IP67
Operating altitude	0 ... 4000 m
Pollution degree	2

Approvals/Tests

Conformity marking	CE; UKCA
MTTF	504 years

Commercial data

ETIM 9.0	EC001596
ETIM 8.0	EC001596
PU (SPU)	1 pcs
Packaging type	Box
Country of origin	DE
Customs tariff number	85176200000

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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Approvals / Certificates

General approvals



Approval	Standard	Certificate Name
EAC GZO Almaty Standart	TP TC 020/2011	EAC CoC 03083
UL Underwriters Laboratories Inc. (ORDINARY LOCATIONS)	UL 61010-2-201	E175199

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	-	-

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 765-2702/200-000	↓
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Documentation

Manual

2-Channel Analog Input; IO-Link Converter;	V 2.0.0 28.10.2022	pdf 4608.62 KB	↓
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CAD/CAE-Data

CAD data

2D/3D Models
765-2702/200-000



Libraries

Device Description File

IODD	V1.0.0.3	zip
765-2702/200-000	29.08.2022	90.95 KB



1 Compatible Products

1.1 Optional Accessories

1.1.1 Mounting adapter

1.1.1.1 Mounting accessories



[Item No.: 765-101/000-000](#)

Mounting Clip