

# Data Sheet | Item Number: 750-559

## 4-channel analog output; 0 ... 10 VDC

<https://www.wago.com/750-559>



This analog output module generates standard 0–10 V signals.  
The output signal is electrically isolated and transmitted with a resolution of 12 bits.  
The internal system supply powers the module.  
The module's output channels have a common ground potential.

### Technical data

Number of analog outputs	4
Total number of channels (module)	4
Signal type	Voltage
Signal type (voltage)	0 ... 10 VDC
Actuator connection	4 x (2-wire)
Resolution [bit]	12 bits
Data width	4 x 16-bit data; 4 x 8-bit control/status (optional)
Load impedance (voltage output)	≥ 5 kΩ
Conversion time (typ.)	10 ms
Output error, reference temperature	25 °C
Output error, deviation (max.) of the upper-range value	0.1 %
Temperature error (max.) of the output range value	0.01 %/K
Recovery time (typ.)	100 ms
Supply voltage (system)	5 VDC; via data contacts
Current consumption (5 V system supply)	125 mA
Supply voltage (field)	24 VDC (-25 ... +30 %); via power jumper contacts (power supply via blade contact; transmission (supply voltage field side only) via spring contact)
Isolation	500 V system/field
Indicators	LED (A) green: function; LED (B) red: Error
Number of incoming power jumper contacts	2
Number of outgoing power jumper contacts	2
Current carrying capacity (power jumper contacts)	10 A

### Connection data

Connection technology: inputs/outputs	8 x CAGE CLAMP®
Connection type 1	Inputs/outputs
Solid conductor	0.08 ... 2.5 mm <sup>2</sup> / 28 ... 14 AWG
Fine-stranded conductor	0.08 ... 2.5 mm <sup>2</sup> / 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	0.981 MJ
Weight	51 g
Conformity marking	CE

### Environmental requirements

Ambient temperature (operation)	0 ... +55 °C
Ambient temperature (storage)	-40 ... +85 °C
Protection type	IP20
Pollution degree	2 per IEC 61131-2
Operating altitude	0 ... 2000 m / 0 ... 6562 ft
Mounting position	Horizontal left, horizontal right, horizontal up, horizontal down, vertical top and vertical bottom
Relative humidity (without condensation)	95 %
Vibration resistance	4g per IEC 60068-2-6
Shock resistance	15g per IEC 60068-2-27
EMC immunity to interference	per EN 61000-6-2, marine applications
EMC emission of interference	per EN 61000-6-4, marine applications
Exposure to pollutants	per IEC 60068-2-42 and IEC 60068-2-43
Permissible H <sub>2</sub> S contaminant concentration at a relative humidity 75 %	10 ppm
Permissible SO <sub>2</sub> contaminant concentration at a relative humidity 75 %	25 ppm

### Commercial data

Product Group	15 (I/O System)
eCl@ss 10.0	27-24-26-01
eCl@ss 9.0	27-24-26-01
ETIM 9.0	EC001596
ETIM 8.0	EC001596
PU (SPU)	1 pcs
Packaging type	Box
Country of origin	DE
GTIN	4045454490447
Customs tariff number	85389099990

### Environmental Product Compliance

CAS-No.	1303-86-2 1317-36-8 7439-92-1
REACH Candidate List Substance	Diboron trioxide Lead Lead monoxide
RoHS Compliance Status	Compliant,With Exemption
RoHS Exemption	6(c) 7(a) 7(c)-I 7(c)-II
SCIP notification number (Austria)	0616c2ad-57b5-427e-a40c-604831616275
SCIP notification number (Belgium)	9d24f743-3939-48e2-80f5-12c1a8f4ff67
SCIP notification number (Bulgaria)	93888563-9249-4f9d-8aee-d5b3dd10b4a7
SCIP notification number (Czech Republic)	ee38f8e1-d7a3-4bf0-b6a8-dc6df33551c7
SCIP notification number (Denmark)	257deb8a-818f-4f5d-b5e6-02fcee25c1a8

## Environmental Product Compliance

SCIP notification number (Finland)	adda6141-230f-489f-a145-9ae0d80a32d4
SCIP notification number (France)	30b0c506-f780-40b6-8b6f-dad47163f23a
SCIP notification number (Germany)	06bd4ef5-934c-46fe-b7eb-c21892b001df
SCIP notification number (Hungary)	ec05ac2f-6d18-41ce-b11d-25d47806de5b
SCIP notification number (Italy)	ef9ddadf-cf0a-42de-aa44-596406597b04
SCIP notification number (Netherlands)	a65babf8-fb57-4fcd-8f2f-b1a244012918
SCIP notification number (Poland)	3c907192-cf98-4161-9f1a-661e7a8c8f86
SCIP notification number (Romania)	554014c9-2a8c-4ad6-9e6e-9565d186eabc
SCIP notification number (Sweden)	c97bc518-b714-49a9-8f5d-49f18ed428b6