GW PL HART8-R-BUS - Protocol converter

2702880

https://www.phoenixcontact.com/us/products/2702880

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Eight-channel HART® expansion module, with screw connection, with 250 Ω internal input resistors

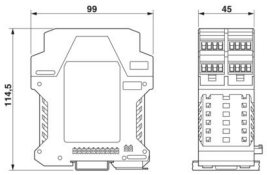
ELEKTROGERÄTE RÜCKNAHME

Commercial data

Item number	2702880
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	DN11
Product key	DNC322
GTIN	4055626384795
Weight per piece (including packing)	313.6 g
Weight per piece (excluding packing)	310 g
Customs tariff number	85176200
Country of origin	DE

Technical data

Dimensions

Dimensional drawing	
Width	45 mm
Height	99 mm
Depth	114.5 mm

Notes

Note on application

Note on application	Only for industrial use

Mounting

Mounting type	DIN rail mounting
Assembly note	on standard DIN rail NS 35 in accordance with EN 60715
Mounting position	any
Useable DIN rail type	DIN rail: 35 mm

Material specifications

Color (Housing)	light gray (RAL 7035)

Interfaces

Data: HART FSK

Transmission speed	1200 bps
Connection method	Screw connection
No. of channels	8

Product properties

Product type	I/O component
MTBF	272 Years (Siemens model SN29500, temperature 40°C, env. factor 1.5 and stress factor 50%)

Electrical properties

Test voltage data interface/power supply	500 V AC
Test voltage data interfaces	500 V AC

Supply

Typical current consumption	46 mA (at 24 V DC)

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-40 °C ... 70 °C
	-40 °F ... 158 °F
Ambient temperature (storage/transport)	-40 °C ... 85 °C

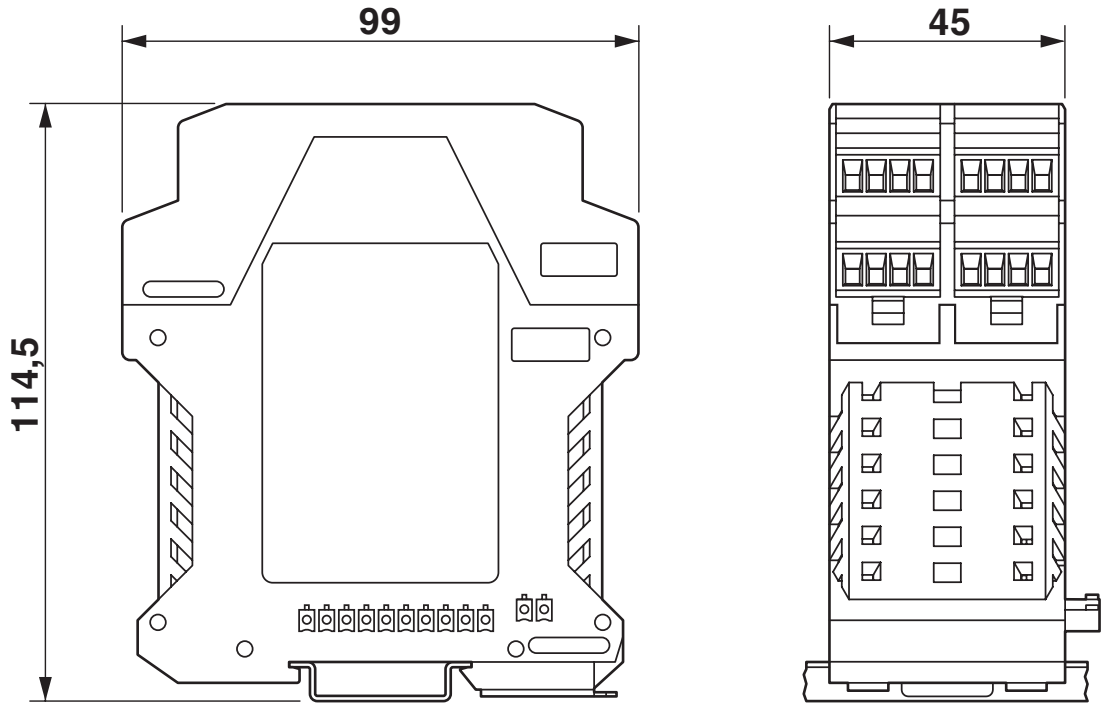
Approvals

Conformity/Approvals

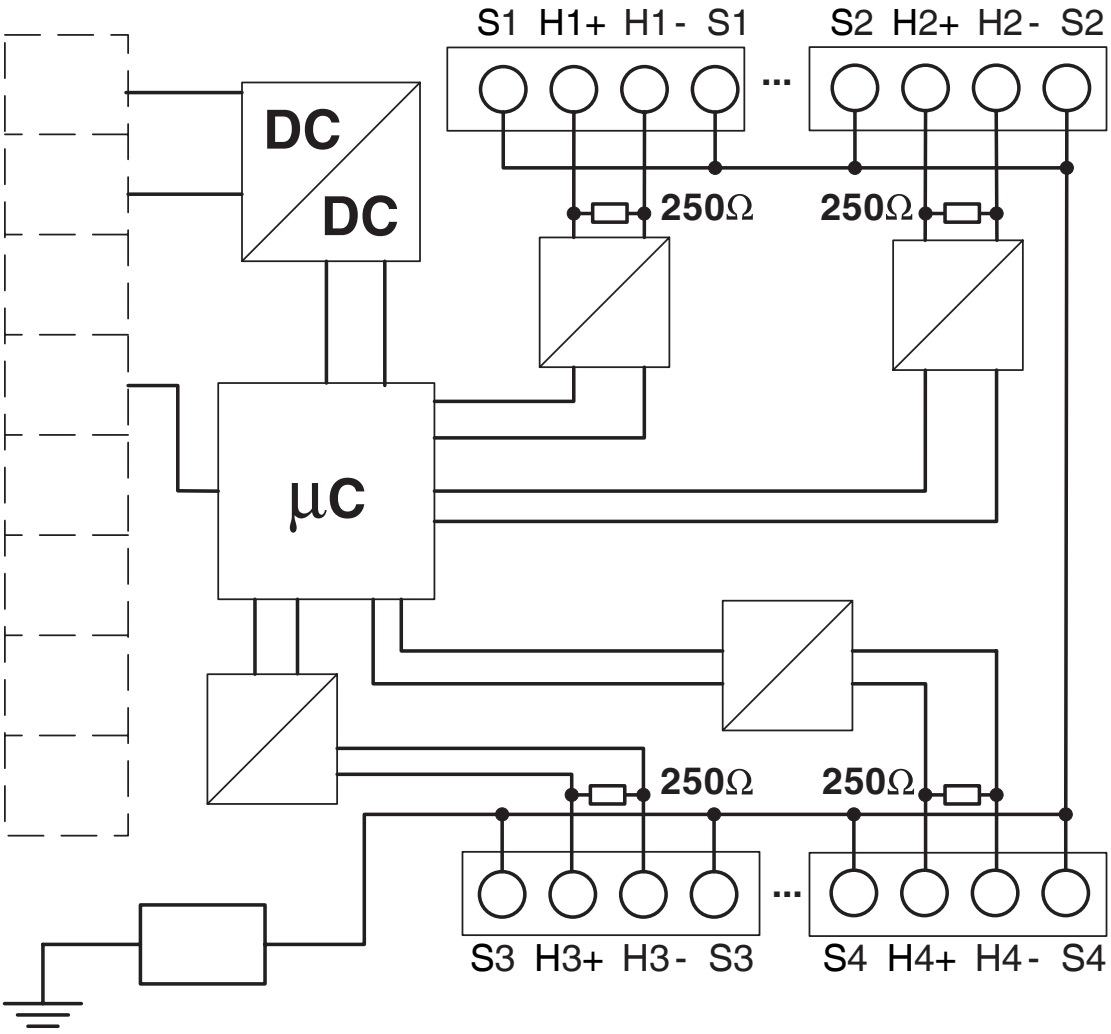
Conformance	CE-compliant
Noxious gas test	ISA-S71.04-1985 G3 Harsh Group A

Drawings

Dimensional drawing



Block diagram



Classifications

ECLASS

ECLASS-13.0	27242208
ECLASS-15.0	27242208

ETIM

ETIM 10.0	EC001423

UNSPSC

UNSPSC 21.0	32151700

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions

China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%

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Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com