



SD-I-DP-V0-2 PROFIBUS-GATEWAY

- PROFIBUS Gateway SD-I-DP-V0-2 to convert serial diagnostic signals to the PROFIBUS DP protocol
- The PROFIBUS Gateway SD-I-DP-V0-2 is a PROFIBUS slave
- Protection class IP 10 device for control cabinet mounting, for standard DIN rails

Data

Ordering data

EAN (European Article Number)	4030661353951
eCl@ss number, Version 9.0	27-23-02-08

General data

Gross weight	120 g
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General data - Features

Integral System Diagnostics, status	Yes
Number of LEDs	4

Mechanical data

Mounting	Snaps onto standard DIN rail to EN 60715
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Mechanical data - Connection technique

Terminal Connector

Cage clamps

Mechanical data - Dimensions

Width	50 mm
Height	72 mm
Depth	97 mm

Ambient conditions

Degree of protection of the enclosure	IP10
Ambient temperature, minimum	-5 °C
Ambient temperature, maximum	+55 °C
Storage and transport temperature, minimum	-25 °C
Storage and transport temperature, maximum	+85 °C
Resistance to vibrations to EN 60068-2-6	5 ... 9 Hz, Amplitude 3.5 mm 9 ... 150 Hz, with 1 g
Resistance to shock	15 g / 11 ms

Ambient conditions - Insulation value

Rated insulation voltage U_i	32 V
Rated impulse withstand voltage U_{imp}	0.5 kV
Overvoltage category	II
Degree of pollution to VDE 0110	2

Electrical data

Rated operating voltage	24 VDC, - 15 % / + 20 % (stabilised PELV)
Operating current	250 mA

Status indication

Note (LED switching conditions display)

ON permanent light green: supply voltage present
PB Flashing signal: PROFIBUS initialisation
PB Permanent light red: PROFIBUS error
SD Flashing signal: = SD gateway initialisation
SD Permanent light Red: = SD Gateway fault

Other data

Note (applications)

Safety sensor
Guard system

Notes

Note (General)

Detailed functions, see programming and configuration manual of the SD Gateway

Circuit example

Note (Wiring diagram)

Serial diagnostics of series-wired safety sensors/solenoid interlocks
Devices with serial diagnostic option: AZ 200, AZM 200, CSS 30S, CSS 34, MZM 100

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The details and data referred to have been carefully checked. Images may diverge from original. Further technical data can be found in the manual. Technical amendments and errors possible.

Generated on: 11/9/2021, 9:57 AM