



Sensors-DP2200

URL:<https://www.sxplc.com/sensors-dp2200>

Product data sheet

Application

Application

decentralized display, preprocessing and conversion of analog signals

Electrical data

Operating voltage [V]

18...30 DC; (to SELV/PELV)

Nominal voltage DC [V]

24

Current consumption [mA]

30...900

Max. current load total [A]

0.8

Inputs / outputs

Number of inputs and outputs

Number of analog inputs: 1; Number of digital outputs: 1; Number of analog outputs: 1

Inputs

Sensor supply of the inputs

from the operating voltage

Number of analog inputs

1

Analog input (current) [mA]

4...20

Outputs

Number of digital outputs

1

Voltage range DC [V]

10...30

Output function

normally open / closed; (configurable)

Max. current load per output [mA]

50

Number of analog outputs

1

Analog current output [mA]

4...20

Resolution of analog output

10 Bit

Accuracy / deviations

Accuracy

0.75; (% of the final value of the measuring range analog output)

Interfaces

Communication interface

IO-Link

Supported DeviceIDs

Type of operation

DeviceID

default

610

IO-Link Device

Transmission type

COM2 (38,4 kBaud)

IO-Link revision

1.1

SDCI standard

IEC 61131-9

Profiles

Smart Sensor

SIO mode

yes

Required master port class

A

Process data analog

1

Process data binary

1

Min. process cycle time [ms]

3

Operating conditions

Ambient temperature [°C]

-25...60

Storage temperature [°C]

-25...70

Max. relative air humidity [%]

90; (linearly decreasing to 50 % (40 °C); non condensing)

Max. height above sea level [m]

4000

Protection

IP 67

Degree of soiling

2

Tests / approvals

MTTF [years]

373

Mechanical data

Weight [g]

108

Dimensions [mm]

63 x 30 x 24

Material

PA

