

Product datasheet

Specifications



Discrete input module, Modicon TSX Micro, 12 inputs, 2/3 wire proximity sensors PNP/NPN, impedance 2.4ohm

TSXDEZ12D2

! Discontinued

! Discontinued on: 31 Dec 2019

! To be end-of-service on: 31 Dec 2027

Main

Range of product	Modicon TSX Micro automation platform
Product or component type	Discrete input module
Discrete input number	12 screw terminal block
Discrete input voltage	24 V DC, discrete input logic: positive or negative 19...30 V
Discrete input current	9 mA
Input voltage limits	≥ 11 V at state 1 < 5 V at state 0
Current state 0 guaranteed	≤ 1.5 mA
Current state 1 guaranteed	≥ 2.5 mA
Input impedance	2.4 Ohm
Response time	0.1...7.5 ms at state 0 to state 1 0.1...7.5 ms at state 1 to state 0

Complementary

Standards	IEC 1131-2 Type 1
Input compatibility	2/3-wire proximity sensors PNP/NPN
Discrete input type	Resistive
Current consumption	123 mA positive 107 mA negative
Isolation voltage	1500 V AC 1 s

Environment

Product weight	0.23 kg
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Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	5.5 cm
Package 1 Width	18.0 cm
Package 1 Length	26.0 cm
Package 1 Weight	312.0 g

Contractual warranty

Warranty (in months)

18



Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Use Longer



Lifetime extension

Repair

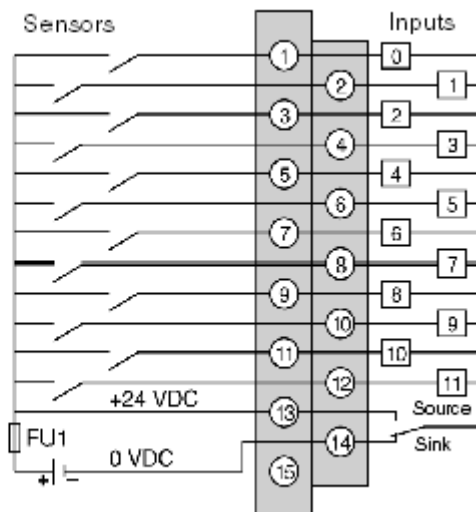
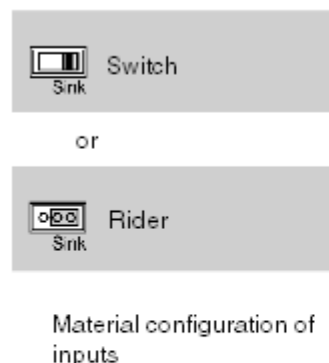
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Connections and Schema

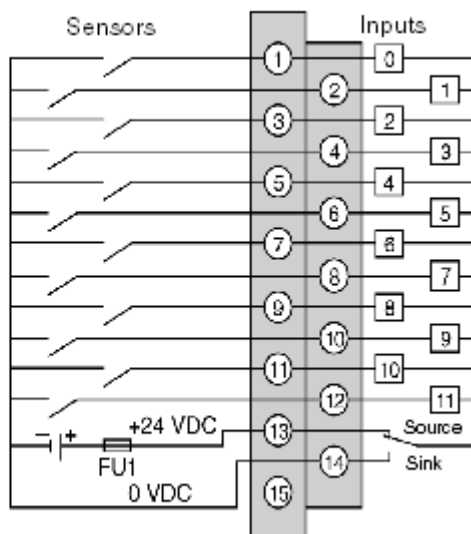
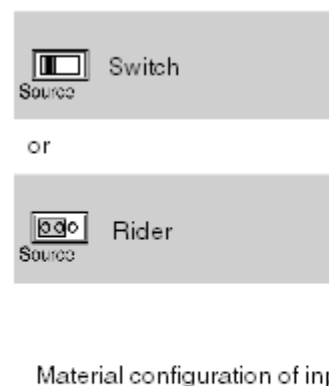
Sensors/Inputs Connections

Wiring Diagrams

Positive logic inputs (Sink)



FU1 = 0.5A fuse with rapid fusion.
Negative logic input (Source)



FU1 = 0.5A fuse with rapid fusion.