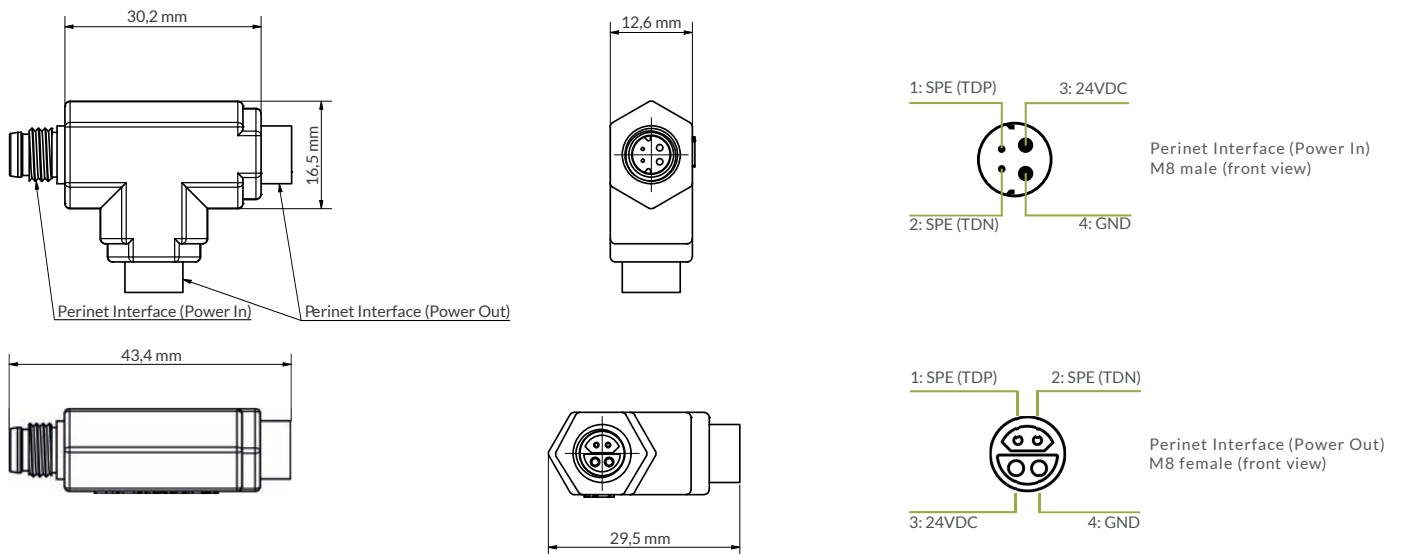




Key Features

- 1 hybrid IN (power and data)
- 2 hybrid OUT (power and data)
- Facilitates series connection
- Enables field-level subdistribution

Dimensional Drawing & Pinout



This periSWITCH 3-port switch facilitates the series connection of multiple sensors and/or actuators.

It, thereby, adds flexibility to the Perinet Seamless IoT Connectivity system by enabling easy and straight-forward extension and adaptation to any given use case, setting or environment, from industrial production lines to commercial applications and smart buildings, to name but a few.

Area of application

periSWITCH 3-port is designed for IoT and IIoT use cases that require sensors and actuators connected in a line topology.

Please note that periSWITCH is not designed for real-time or safety-critical applications.



Technical Specifications

Perinet Interface (Power In)

Type	M8 male connector according to IEC 63171-6:2020 (style 6P-M8C without shielding)
Communication	100BASE-T1 Single Pair Ethernet (IEEE 802.3bw)
Power	24VDC input
Input Voltage	24VDC (+/-10%)
Consumption	Average 528mW (max. 2A troughput current)

Perinet Interface (Power Out)

Type	M8 female connector according to IEC 63171-6:2020 (style 6P-M8C without shielding)
Communication	100BASE-T1 Single Pair Ethernet (IEEE 802.3bw)
Power	24VDC output

Housing

Material	Hotmelt
Protection Class	IP67
Temperature Range	-40°C...+70°C
Electromagnetic Compatibility (EMC)	Immunity for industrial environments (EN 61000-6-2:2005, EN 61000-6-2:2005/AC:2005) Emission standard for industrial environments (EN 61000-6-4:2007, EN 61000-6-4:2007/A1:2011)
Compliance	CE, RohS, WEEE

Note: We reserve the right to make technical changes to the products and to the content of this document at any time without prior notification. Perinet GmbH does not accept any responsibility for possible errors or incompleteness in this document. We reserve all the rights to this document and the topics and illustrations contained within it. Copying, disclosure to third parties or use of its content - even partially - is forbidden without the prior written consent of Perinet GmbH.