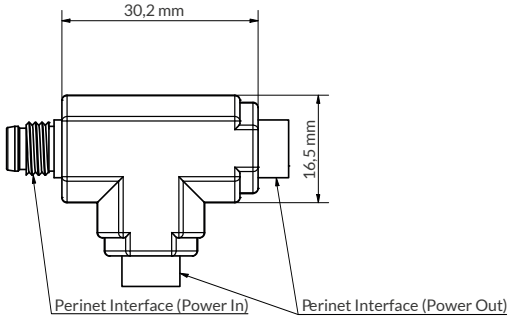
periSWITCH 3-port

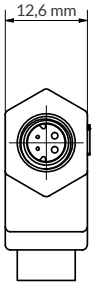
Part no.: PRN.000.008

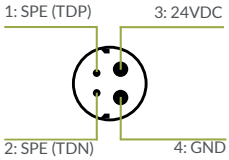
Key Features

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

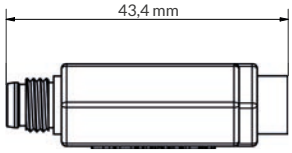
Dimensional Drawing & Pinout

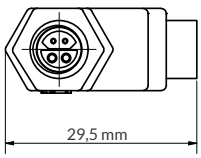


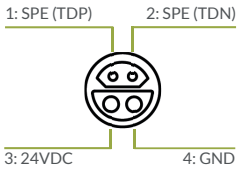




Perinet Interface (Power In)
M8 male (front view)







Perinet Interface (Power Out)
M8 female (front view)

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 accordingto 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