

## 5-port entry-level unmanaged Ethernet switch



### Features and Benefits

- 10/100BaseT(X) (RJ45 connector)
- IEEE802.3/802.3u/802.3x support
- Broadcast storm protection
- -10 to 55°C operating temperature range
- With Edge processing & decision making capabilities

### Compliant



## Introduction

The Signova EdgePro Series supports IEEE 802.3/802.3u/802.3x with 10/100M, full/half-duplex, MDI/MDIX auto-sensing RJ45 ports. The series is rated to operate at temperatures ranging from -10 to 55°C, and is rugged enough for any harsh industrial environment. The switches can be easily installed on a DIN rail as well as in distribution boxes with wide operating temperature, and the IP30 housing with LED indicators make the plug-and-play EdgePro switches reliable and easy to use. The advanced edge processing capability also makes this series AI-ready.

## Specifications

### Ethernet Interface

Standards	IEEE 802.3 for 10BaseT IEEE 802.3u for 100BaseT(X) IEEE 802.3x for flow control
10/100BaseT(X) Ports (RJ45 connector)	Full/Half duplex mode Auto MDI/MDI-X connection Auto negotiation speed

### Switch Properties

Processing Type	Store and Forward, can be configured for processing
MAC Table Size	2 K
Packet Buffer Size	512 kbits

### Power Parameters

Input Voltage	12 to 48 VDC
Input Current	0.12 A @ 24 VDC
Connection	1 removable 3-contact terminal block(s)
Overload Current Protection	1.1 A @ 24 VDC
Reverse Polarity Protection	Supported

### Physical Characteristics

Housing	Plastic
IP Rating	IP30
Dimensions	24.9 x 100 x 86.5 mm (0.98 x 3.94 x 3.41 in)
Weight	123 g (0.30 lb)

### Environmental Limits

Operating Temperature	-10 to 55°C (14 to 131°F)
Storage Temperature (package included)	-40 to 85°C (-40 to 185°F)
Ambient Relative Humidity	5 to 95% (non-condensing)

### Standards and Certifications

Safety	UL 508 EN 62368-1
EMC	EN 55032/35
EMI	CISPR 32, FCC Part 15B Class A
EMS	IEC 61000-4-2 ESD: Contact: 4 kV; Air: 8 kV IEC 61000-4-3 RS: 80 MHz to 1 GHz: 3 V/m IEC 61000-4-4 EFT: Power: 1 kV; Signal: 0.5 kV IEC 61000-4-5 Surge: Power: 1 kV; Signal: 1 kV IEC 61000-4-6 CS: 3 V IEC 61000-4-8 PFMF
Shock	IEC 60068-2-27
Vibration	IEC 60068-2-6
Freefall	IEC 60068-2-32
<b>MTBF</b>	
Time	3,915,945 hrs

### Warranty

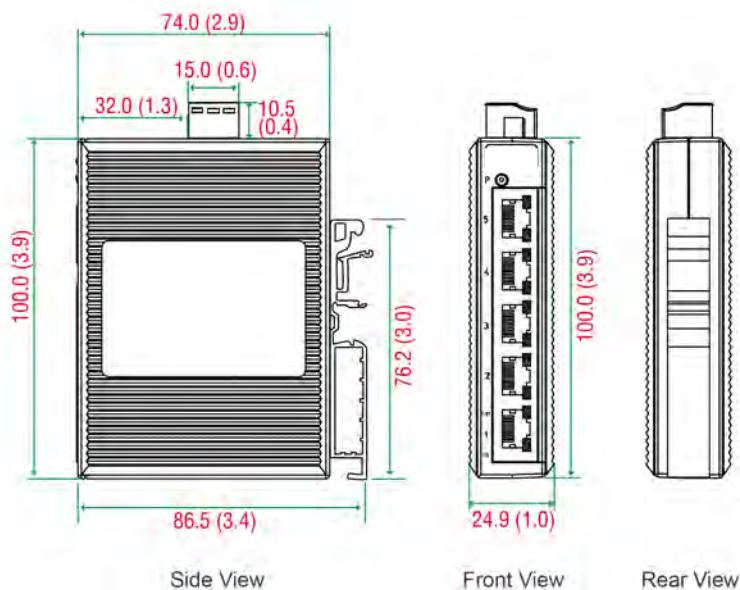
Warranty Period	5 years
Details	See <a href="http://www.signovacircuits.com">www.signovacircuits.com</a>

### Package Contents

Device	1 x Signova EdgePro Series switch
Documentation	1 x quick installation guide 1 x warranty card

## Dimensions

Unit: mm (inch)



## Ordering Information

Model Name	10/100BaseT(X)Ports RJ45Connector	HousingMaterial	OperatingVoltage	OperatingTemp.
EdgePro	5	Plastic	12-48 VDC	-10to55°C

## Applications

- IOT Sensor Processing
- Video Stream Data Analysis

© Signova Circuits Pte Ltd. All rights reserved.

This document and any portion thereof may not be reproduced or used in any manner whatsoever without the express written permission of Signova Circuits Pte Ltd. Product specifications subject to change without notice. Visit our website for the most up-to-date product information.