

PRS1 to IFMR Speed Switch Comparison

Introduction

The PRS (Speed Switch) was the first real signal conditioner that Red Lion offered in our product portfolio. Over the years, thousands of these devices were sold. As time progressed, other signal conditioners were added to complete our signal conditioning product line. Unfortunately, the time has come to end of life this popular product and move on with more up-to-date models.

This document describes the alternatives available and provides information on how their features compare with one another.

Timing

Red Lion Controls intends to honor the standard warranty obligation for this product when ordered and delivered in accordance with the following transition schedule:



October 1, 2019

- Announcement to customers
- Red Lion begins accepting non-cancellable, non-returnable last time buy orders

October 31, 2019

- General availability of PRS1 Speed Switches ceases
- Acceptance of last time buy orders concludes

*Dates may be subject to change depending on product sales

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Why is this transition taking place?

The PRS Speed Switch has reached a point the parts are no longer available. The new IFMR Speed Switch is already in place and capable of replacing the older products.

What happens to my current investment in PRS1 Speed Switches?

Maintaining excellent compatibility for easy and cost-effective transition is an important design criterion when designing next generation products. Red Lion Controls recommends the IFMR Speed Switch as a designated replacement for the PRS1 Speed Switch. The IFMR provides an easier DIN rail mountable solution, and at a lower price while still maintaining functional compatibility.

Please see Appendix A for a detailed comparison of the two products.

Appendix A

Comparison of PRS1 Speed Switch and IFMR Speed Switch

The IFMR Speed Switch is the designated replacement for the PRS1 Speed Switch. The chart below compares the features of the two products.



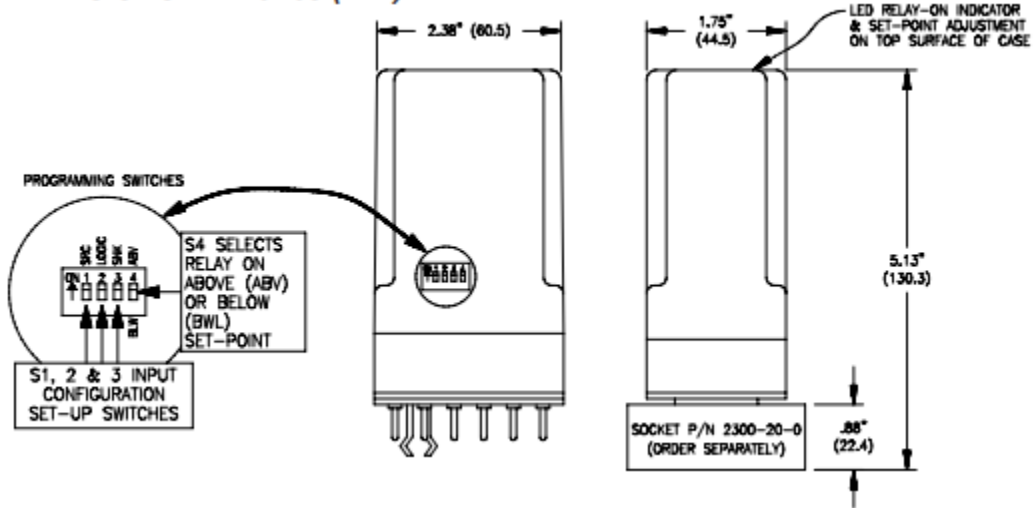
PRS1 Speed Switch



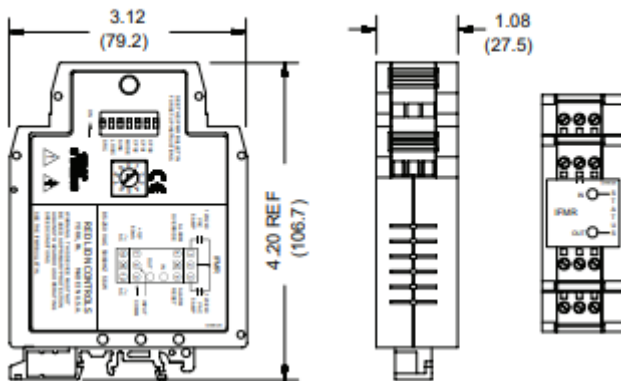
IFMR Speed Switch

	PRS1 Speed Switch	IFMR Speed Switch
Part Number	PRS1xxxx	IFMRxxxx
Power	AC	AC and DC models
Sensor Power	12 VDC @ 60mA	12 VDC @ 60mA
Input Flexibility	Universal input via DIP switch	Universal input via DIP switch
Speed	0.1 to 10 kHz (model dependent)	0 to 25 kHz
Relay	Form "C" 5 Amp	Form "C" 5 Amp
Speed Detection	Over, Under and Zero	Over, Under and Zero
Mounting Considerations	Plug-in via mounting socket	DIN Rail Mount

DIMENSIONS In inches (mm)



DIMENSIONS In inches (mm)



IFMR Dimensions