



# FS-RS1

Communication End Unit



\*Please note that accessories depicted in the image are for illustrative purposes only and may not be included with the product.

!

This model has been discontinued.

Compliance with the certification standard is ensured as of the time of shipment from our company.

Contact Us: 1-888-539-3623

Recommended Replaceable Products: [Digital Fiber Optic Sensor - FS-N40 series](#)

## Specifications

|                          |                      |        |                                                                                                                                                                                                                                                                                                       |
|--------------------------|----------------------|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Model                    |                      |        | FS-RS1                                                                                                                                                                                                                                                                                                |
| Rating                   | Power voltage        |        | 12 to 24 VDC ±10 %, Ripple (P-P) 10 % or less                                                                                                                                                                                                                                                         |
|                          | Power consumption    | Normal | 600 mW or less (25 mA or less)                                                                                                                                                                                                                                                                        |
| Environmental resistance | Ambient temperature  |        | FS-RS1 single unit: -10 to +55 °C <a href="#">14 to 131 °F</a><br>When amplifier expansion units are connected (3 to 10 units): -10 to +50 °C <a href="#">14 to 122 °F</a><br>When amplifier expansion units are connected (11 to 16 units): -10 to +45 °C <a href="#">14 to 113 °F</a> (No freezing) |
|                          | Relative humidity    |        | 35 to 85 % RH (No condensation)                                                                                                                                                                                                                                                                       |
|                          | Vibration resistance |        | 10 to 55 Hz, Double amplitude 1.5 mm <a href="#">0.06"</a> , 2 hours in each of the X, Y, and Z directions                                                                                                                                                                                            |
|                          | Shock resistance     |        | 500 m/s², 3 times in each of the X, Y, and Z directions                                                                                                                                                                                                                                               |
|                          |                      |        |                                                                                                                                                                                                                                                                                                       |
| Case material            |                      |        | PBT, polycarbonate                                                                                                                                                                                                                                                                                    |
| Size                     |                      |        | 30 mm (H) x 9 mm (W) x 70 mm (D) <a href="#">1.18" (H) x 0.35" (W) x 2.76" (D)</a>                                                                                                                                                                                                                    |
| Weight                   |                      |        | Approx. 100 g (including 2-m cable)                                                                                                                                                                                                                                                                   |

# Dimensions

\* Download CAD file or product manual for larger image/text and more detail.

FS-RS1

