

## 6SN1118-0DM31-0AA1

Industrial automation components

<b>Manufacturer</b>	Siemens
<b>Catalog number</b>	6sn1118-0dm31-0aa1
<b>Category</b>	Industrial automation components
<b>Product type</b>	Industrial automation components
<b>Status</b>	Active product

### Technical specification

<b>Weight</b>	0.19 kgs
<b>Product Type</b>	Digital Control Loop Block
<b>Number of Axes</b>	2
<b>Encoder Interface</b>	Sin/Cos 1 VPP
<b>Operating Temperature Range</b>	0 to 40 °C
<b>Storage Temperature Range</b>	-40 to 70 °C
<b>Mounting Orientation</b>	Vertical
<b>Cooling Method</b>	Natural Ventilation
<b>Maximum Operating Altitude</b>	1000 meters m

### Description

The Siemens 6SN1118-0DM31-0AA1 is a digital control loop block designed for the SIMODRIVE 611 system, offering high-standard control for two axes with a sin/cos 1 VPP encoder interface. This module is essential for precise motion control in industrial automation applications, ensuring accurate position feedback and reliable operation. It requires NC software from version 06.04.09 and is suitable for vertical mounting with natural ventilation cooling. The operating temperature range is 0 to 40 °C, with storage temperatures from -40 to 70 °C, and it can operate at altitudes up to 1000 meters without derating. This component is ideal for applications requiring precise motion control and reliable performance.