

### 6SL3055-0AA00-5EA3

Industrial automation components

<b>Manufacturer</b>	Siemens
<b>Catalog number</b>	6sl3055-0aa00-5ea3
<b>Category</b>	Industrial automation components
<b>Product type</b>	Industrial automation components
<b>Status</b>	Active product

## Technical specification

<b>Weight</b>	0.45 kgs
<b>Product ID</b>	6SL3055-0AA00-5EA3
<b>AL Field</b>	N
<b>Customs Tariff Code</b>	85049090
<b>Compliance</b>	Produkt zgodny z RoHS od: 01.01.2011
<b>Configurable Product</b>	False
<b>Country of Origin</b>	DE
<b>EAN</b>	4042948662830.0
<b>ECCN</b>	9N9999
<b>eClass 6</b>	27-02-91-12
<b>eClass 7.1</b>	27-02-91-12
<b>eClass 8</b>	27-02-91-12
<b>eClass Version 9</b>	27-02-31-91
<b>eClass Version 9.1</b>	27-02-31-91
<b>ETIM 7</b>	EC002025
<b>Group Classification Key</b>	R220
<b>List of Characteristics</b>	D21MC
<b>Quantity in Package</b>	1
<b>Packaging Length</b>	0,00
<b>Packaging Width</b>	0,00
<b>Packaging Height</b>	0,00
<b>Product Description</b>	SINAMICS MODUŁ ENKODERA SME20 ENKODER INKREMENTALNY SIN/COS 1VPP OCHRON IP67 BEZ PRZEWODU SYGNAŁOWEGO DRIVE-CLIQ
<b>Product Code</b>	9617
<b>Comparative Metals Coefficient</b>	01.01.2011
<b>Unit of Measure</b>	ST
<b>UPC</b>	662643513714.0

## Description

The Siemens 6SL3055-0AA00-5EA3 is a SINAMICS Sensor Module SME20 designed for industrial automation applications. This module interfaces with incremental encoders using a 1 Vpp sin/cos signal, supporting a maximum encoder frequency of 500 kHz and signal interpolation up to 16,384 times with 14-bit resolution. It operates with a 24 V DC input voltage and consumes 0.11 A, excluding the encoder. The sensor supply for the onboard position encoder interface is 5 V DC at 0.35 A. The module features a DRIVE-CLiQ connection with an IP67 protection rating, ensuring durability in harsh industrial environments. Its compact dimensions are 58 mm in width, 44 mm in height, and 112 mm in depth, with a net weight of 0.31 kg. The maximum cable lengths are 3 meters for the measuring system and 100 meters for the drive control. This module is part of the SINAMICS series, known for its reliability and performance in motion control applications.