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Data Sheet

August 13, 2026

KOLLMORGEN / PACIFIC SCIENTIFIC

Kollmorgen / Pacific Scientific OC930-001-00 Serial Interface Option Card

The Kollmorgen / Pacific Scientific OC930-001-00 is a serial interface option card for the SC900 series servo drives and motion controllers. It has RS-232/485 serial communication at 9600 Baud with a host PC, enabling drive setup, monitoring, and field firmware upgrades. The card functions as a removable personality module - once initial configuration is complete, it can be replaced with a blank panel while the drive maintains full functionality. Compatibility: Kollmorgen and Pacific Scientific SC900 series servo drives and motion controllers Firmware Reference: OC930 Hardware and Software Reference Manual valid for FW 1.6 Aumictech offers NIST-traceable calibration and repair for the Kollmorgen / Pacific Scientific OC930-001-00. All calibrations are performed to NIST-traceable standards and ship with a certificate. Turnaround is typically 1-3 business days after receipt.



MODEL

**Kollmorgen /
Pacific Scientific
OC930-001-00**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

OC930-001-00

LISTING

<https://aumictechlabs.com/products/oc930-001-00-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Kollmorgen / Pacific Scientific OC930-001-00 is a serial interface option card for the SC900 series servo drives and motion controllers. It has RS-232/485 serial communication at 9600 Baud

with a host PC, enabling drive setup, monitoring, and field firmware upgrades. The card functions as a removable personality module - once initial configuration is complete, it can be replaced with a blank panel while the drive maintains full functionality. Technical Specifications Interface: RS-232/485 serial Baud Rate: 9600 Baud Compatibility: Kollmorgen and Pacific Scientific SC900 series servo drives and motion controllers Firmware Reference: OC930 Hardware and Software Reference Manual valid for FW 1.6 Key Features All-digital setup of current, velocity, and position control loops PC-based drive access during initial configuration Field firmware upgrade capability Removable design - replaced with OC900 Blank Panel after setup Operates with 930 Dialogue menu-driven software package Typical Applications Drive commissioning and parameter tuning Loop gain and response optimization In-field firmware updates without removing the drive from service Remote monitoring and diagnostics via serial link Compatibility & Integration The OC930-001-00 integrates with SC900 series drives as a removable configuration module. After initial setup via the 930 Dialogue software, the card can be removed and the slot populated with an OC900 Blank Panel. This modular approach preserves drive performance while eliminating the need for permanent serial hardware installation post-commissioning.

OC930001 Characteristics / Specifications

PARAMETER	VALUE
Model	OC930
Manufacturer	Kollmorgen / Pacific Scientific / Danaher Motion
Instrument Type	Serial communication option card
Series	SC900
Alias	OC930-001-00; OC 930
Host Drive	SC900 (SC930, SC932, SC940 class)
Baud Rate	9600
RS2	point to point
RS4	multi drop up to 32 nodes
Connector	J31 9 pinDsub female
Address Switch	DIP S1 0 to 255
Factory Address	255 recommended for RS232
Plus 5 V on J31	200 mA maximum shared with J4-25
J31	plus 5 V return / shield
J31 6	RS485 TXD plus / minus
J31 8	RS485 RXD plus / minus
Software	930 Dialogue
Cable Example	CS-232-750 / RS-232-750 6 ft (1.8 m)
Blank Panel	OC900 after setup
Personality	onboard EEPROM stores non volatile parameters
Loops Configured	current, velocity, position when used
Not Required After Setup	except as personality module
Hot Plug	never insert or remove with Control AC applied
Firmware Manual	OC930 Hardware and Software Reference RevG Converter Power: RS232 to RS485 adapter may use J31-4 if under 200 mA
Dumb Terminal	not supported (intelligent protocol)

PARAMETER	VALUE
Form	plug-in option card on SC900 face
Related Drive Family	SC900 digital servo Notes Specs from Kollmorgen/Pacific Scientific OC930 Hardware and Software Reference (Rev G) and OC930-001-00 identity. Confirm address DIP, RS-232 versus RS-485 wiring, and that Control AC is off before swapping cards.

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications	
Specifications	
PARAMETER	VALUE
Model	OC930
Manufacturer	Kollmorgen / Pacific Scientific / Danaher Motion
Instrument Type	Serial communication option card
Specifications	
PARAMETER	VALUE
Series	SC900
Alias	OC930-001-00; OC 930
Host Drive	SC900 (SC930, SC932, SC940 class)
Specifications	
PARAMETER	VALUE
Baud Rate	9600
RS232	point to point
RS485	multi drop up to 32 nodes
Specifications	
PARAMETER	VALUE
Connector	J31 9 pinDsub female
Address Switch	DIP S1 0 to 255
Factory Address	255 recommended for RS232
Specifications	
PARAMETER	VALUE
Plus 5 V on J31 4	200 mA maximum shared with J4-25
J31 1	plus 5 V return / shield
J31 2	RS232 TXD from OC930

Specifications

PARAMETER	VALUE
J31 3	RS232 RXD to OC930
J31 5	serial common
J31 6 7	RS485 TXD plus / minus

Specifications

PARAMETER	VALUE
J31 8 9	RS485 RXD plus / minus
Software	930 Dialogue
Cable Example	CS-232-750 / RS-232-750 6 ft (1.8 m)

Specifications

PARAMETER	VALUE
Blank Panel	OC900 after setup
Personality	onboard EEPROM stores non volatile parameters
Loops Configured	current, velocity, position when used

Specifications

PARAMETER	VALUE
Not Required After Setup	except as personality module
Hot Plug	never insert or remove with Control AC applied
Firmware Manual	OC930 Hardware and Software Reference RevG Converter Power: RS232 to RS485 adapter may use J31-4 if under 200 mA

Specifications

PARAMETER	VALUE
Dumb Terminal	not supported (intelligent protocol)
Form	plug-in option card on SC900 face
Related Drive Family	SC900 digital servo

Notes

Specs from Kollmorgen/Pacific Scientific OC930 Hardware and Software Reference (Rev G) and OC930-001-00 identity. Confirm address DIP, RS-232 versus RS-485 wiring, and that Control AC is off before swapping cards.

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.